

The following catalog
has gaps in its page
numbers, or doesn't
have any numbers.
We have chosen to
leave the page
numbering in the
order that Acrobat
assigns it.

MICROFICHE INDEX #330

A3 ***** Data Table

STANDARD GROUPS

FICHE LOCATION

ILLUSTRATION

C12	*****	Aqualift Exhaust System - Optional
C6	*****	Board, Voltage Regulator - Begin Spec AC
C5	*****	Board, Voltage Regulator - Begin Serial F760142042 During Spec A
C4	*****	Board, Voltage Regulator - Spec AA thru Serial F760142041
A7	*****	Camshaft
B3	*****	Carburetor Parts - Begin Spec R
A14	*****	Carburetor Parts - Spec A thru Q
A13	*****	Choke, Electric and Thermo-Magnetic Control
C1	*****	Crankshaft and Flywheel
A12	*****	Cylinder Block and Oil Base
A5	*****	Cylinder Head, Valve and Rocker
A4	*****	Distributor
B4	*****	Exchanger, Heat - Begin Spec AA - Optional
C9	*****	Exchanger, Heat - Spec A thru S - Optional
C7	*****	Exhaust Manifold and Thermostat
B7	*****	Fuel System
B1	*****	Gearcase and Water Pump
A11	*****	Generator Alternator - Spec A thru S
B11	*****	Generator Exciter - Spec A thru S
B13	*****	Generator - Begin Spec AA
B12	*****	Governor
A8	*****	Ignition System
B5	*****	Keel Cooling - Optional
C11	*****	Oil System
A10	*****	Piston and Rod
A7	*****	Pump Parts, Fuel (Electric)
B2	*****	Pump Parts, Water (132-0059)
B10	*****	Pump Parts, Water (131-0267)
B10	*****	Pump Parts, Water (132-0147 Jabsco)
B9	*****	Pump Parts, Water (132-0110)
B8	*****	Pump Parts, Water (132-0115 Sherwood)
B9	*****	Pump Parts, Water (132-0074)
B8	*****	Regulator, Voltage - Begin Spec AA
C3	*****	Starter
A8	*****	Starter Parts
A9	*****	Service Kits and Miscellaneous
C13	*****	

GENERAL INFORMATION

INSTRUCTIONS FOR ORDERING REPAIR PARTS

For parts or service, contact the dealer from whom you purchased this equipment or refer to your Nearest Authorized Onan Parts and Service Center.

To avoid errors or delay in filling your parts order, please furnish all information requested.

Always refer to the nameplate on your unit.

1. Always give the MODEL, SPEC NO. and SERIAL NO.

The diagram shows a rectangular nameplate with two circular mounting holes at the top. The text 'McGRAW-EDISON' is at the top. Below it is the 'Onan' logo. Under the logo is a large rectangular box labeled 'MODEL AND SPEC NO.'. Below that is a smaller rectangular box labeled 'SERIAL NO.'. The bottom of the nameplate is irregular, with a pointed section on the left and a small tab on the right.

For handy reference, insert "YOUR" nameplate information in the spaces above.

01-1150

2. Do not order by reference number; always use part number and description.
3. Give the part number, description and quantity needed of each item. If an older part cannot be identified, return the part prepaid to your dealer or nearest Onan Parts and Service Center. Print your name and address plainly on the package. Write a letter to the same address stating the reason for returning the part.
4. State definite shipping instructions. Any claim for loss or damage to your unit in transit should be filed promptly against the transportation company making the delivery. Shipments are complete unless the packing list indicates items are back ordered.

Prices are purposely omitted from this Parts Manual due to the confusion resulting from fluctuating costs, import duties, sales taxes, exchange rates, etc.

For current parts prices, consult your Onan Dealer, Distributor or Parts and Service Center.

"En esta lista de partes los precios se omiten de proposito, ya que bastante confusion resulto de fluctuaciones de los precios, derechos aduanales, impuestos de venta, cambios extrajeros, etc."

Consiga los precios vigentes de su distribuidor de productos "ONAN."

9CB-0340 (6-79)
MJC PARTS CATALOG

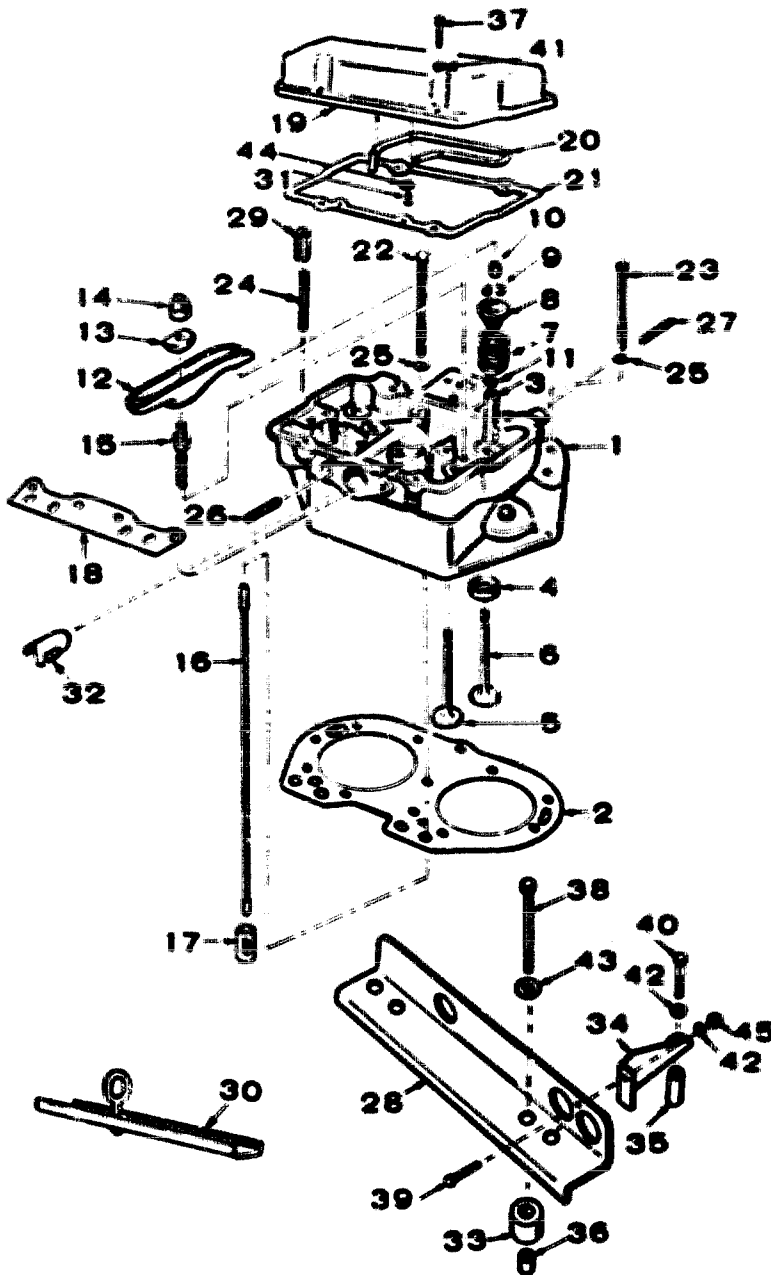
This catalog applies to the standard MJC Generating Sets as listed below. Parts are arranged in groups of related items. Each illustrated part is identified by a reference number corresponding to the same reference number below the illustration. Parts illustrations are typical. Using the *MODEL* and *SPEC NO.* from the set nameplate, select the Parts Key No. (1, 2, etc., in the last column) that applies to your set Model and Spec No. This Parts Key No. represents parts that differ between models. Unless otherwise mentioned in the description, parts are interchangeable between models. Right and left generating set sides are determined by *FACING* the engine end (front) of the set.

GENERATOR SET DATA TABLE

* MODEL & SPEC NO.	ELECTRICAL DATA					PARTS KEY NO.
	WATTS	VOLTS	HERTZ	WIRE	PHASE	
8.0MJC-53CR/* 8.0MJC-54R/*	8,000 8,000	120/240 120/208	50 50	** 4	1 3	1
10.0MJC-3CR/* 10.0MJC-4R/*	10,000 10,000	120/240 120/208	60 60	** 4	1 3	
15.0MJC-3CR/* 15.0MJC-4R/*	15,000 15,000	120/240 120/208	60 60	** 4	1 3	2

- * - The Specification Letter advances (A to B, B to C, etc.) with manufacturing changes.
- ** - These generators have 4 load wires which are reconnectable for 120 volt, 2 wire service, or 240 volt, 2 wire service, or 120/240 volt, 3 wire service.
- ★ - New model designations shown, begin during 1983. Previous designations did not use a decimal in the kW rating. EXAMPLE: 8.0MJC was formerly 8MJC and 15.0MJC was formerly 15MJC.

CYLINDER HEAD, VALVE AND ROCKER



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	HEAD ASSEMBLY, CYLINDER		
	110-1350	2	With Heat Exchanger
	110-1347	2	With Valves (Includes Parts Marked *)
	110-1343	2	*Without Valves (Includes Valve Guides and Valve Seats)
	110-1273	2	Without Heat Exchanger
	110-1211	2	With Valves (Includes Parts Marked †)
2	110-1211	2	Gasket, Cylinder Head
3	GUIDE, VALVE		
	110-1501	8	†Standard
	110-1501-01	8	.001" Oversize
4	INSERT, VALVE SEAT		
	110-1214	4	Intake
	110-1214-02	4	†Standard
	110-1214-05	4	.002" Oversize
	110-1214-10	4	.005" Oversize
	110-1214-25	4	.010" Oversize
		4	.025" Oversize
			Exhaust

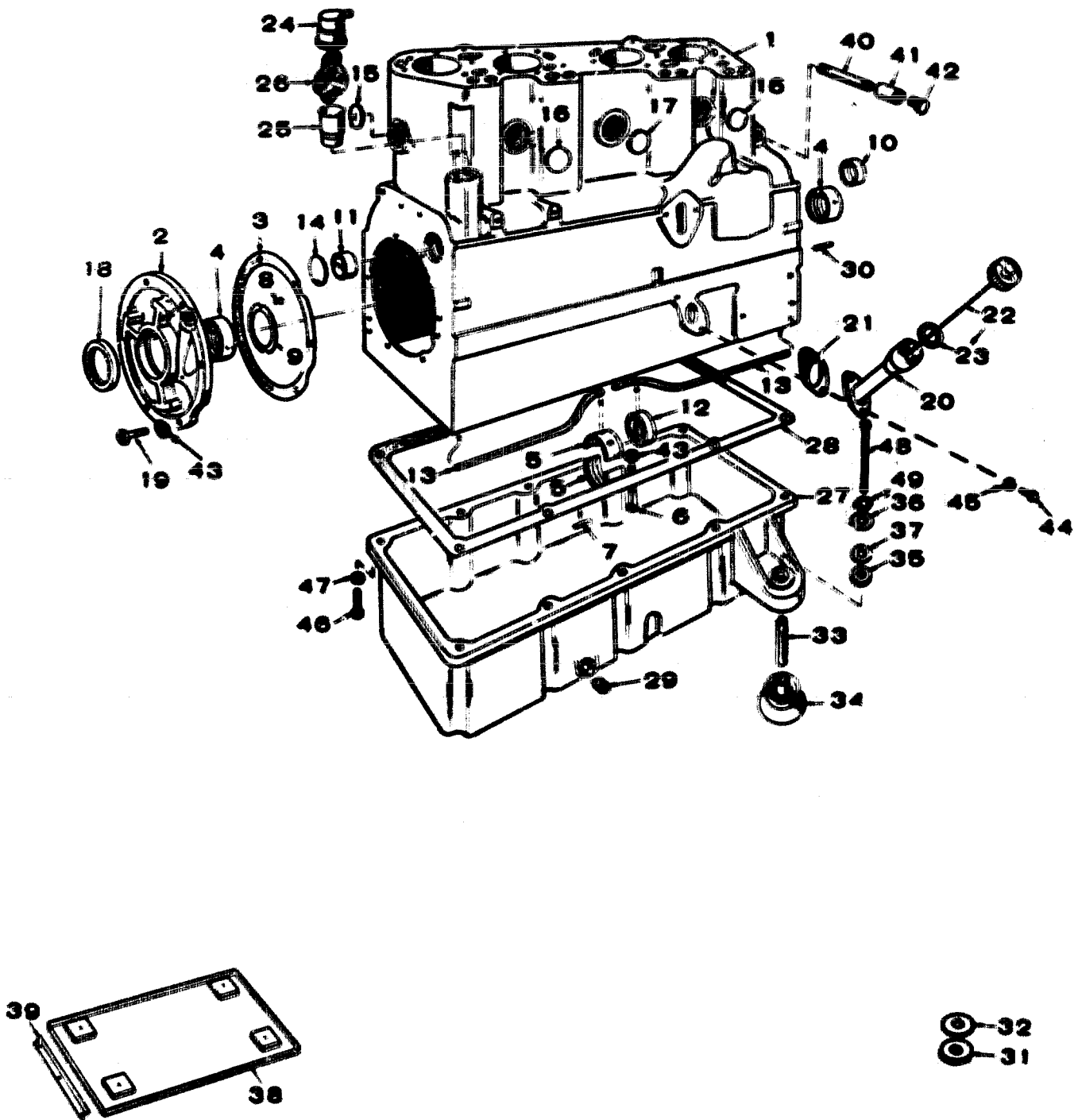
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	110-1215	4	†Standard
	110-1215-02	4	.002" Oversize
	110-1215-05	4	.005" Oversize
	110-1215-10	4	.010" Oversize
	110-1215-25	4	.025" Oversize
5	110-1218	4	†Valve, Intake
6	110-1219	4	†Valve, Exhaust
7	110-1221	8	†Spring, Valve
8	110-1220	8	†Retainer, Valve Spring
9	110-0858	16	†Lock, Valve Spring Retainer
10	110-0859	8	Cap, Valve Stem
11	509-0090	4	†Seal, Oil - Intake Valve, Includes Retainer Rings
12	ARM, ROCKER		
	115-0128	4	Exhaust
	115-0129	4	Intake
13	115-0127	8	Ball, Rocker Arm
14	115-0150	8	Locknut, Rocker Arm
15	115-0152	8	†Stud, Rocker Arm
16	115-0154	8	Rod, Valve Push (Steel)
17	TAPPET, VALVE		
	115-0132	8	Spec A through N
	115-0195	8	Begin Spec P
18	115-0196	2	Guide, Push Rod
19	115-0134	2	Cover Assembly, Rocker (Includes Parts Marked §)
20	120-0828	2	§Line, Oil, Rocker Cover
21	115-0130	2	Gasket, Rocker Cover
22	110-1225	10	Screw, Cylinder Head (Special)
23	800-0501	12	Screw, Cap - Hex Head (3/8-16 x 3-3/8")
24	520-0522	2	Stud, Cylinder Head - Spec A and B
25	526-0174	12	Washer, Cylinder Head
26	520-0338	4	†Stud, Intake Manifold
27	520-0808	8	†Stud, Exhaust Manifold
28	403-0590	1	Bracket, Lifting, Includes Hardware
29	403-0520	2	Nut, Extension - Spec A and B
30		1	Bar Assembly, Lifting - Spec A and B (Order 403-0590, (2) 800-0091, and 850-0080)
31	809-0042	2	§Screw, Oil Line - Rocker Cover
32	110-1312	2	*Baffle, Fuel Distributor
33	402-0361	2	Cushion, Vibration
34	403-0890	1	Brace, Lifting Bracket
35	403-0826	1	Spacer, Lifting Bracket
36	402-0362	2	Bushing, Spacer
37	800-0030	8	Screw, Cap - Hex Head (5/16-18 x 3/4")
38	800-0094	2	Screw, Cap - Hex Head (1/2-13 x 2")
39	800-0025	1	Screw, Cap - Hex Head (5/16-18 x 3")
40	800-0038	1	Screw, Cap - Hex Head (5/16-18 x 3-1/4")
41	850-0045	8	Washer, Lock - Spring (5/16")
42	850-0045	2	Washer, Lock - Spring (5/16")
43	526-0100	2	Washer, Flat (5/16" ID x 1-3/8" OD x 7/64")
44	526-0130	2	§Washer, Flat (17/64" ID x 1" OD x 1/16")
45	862-0015	1	Nut, Hex (5/16-18)

* - Parts Included in 110-1350 Cylinder Head Assembly (With Heat Exchanger)

† - Parts Included in 110-1343 Cylinder Head Assembly (Without Heat Exchanger)

§ - Parts Included in 115-0134 Rocker Cover Assembly.

CYLINDER BLOCK AND OIL BASE

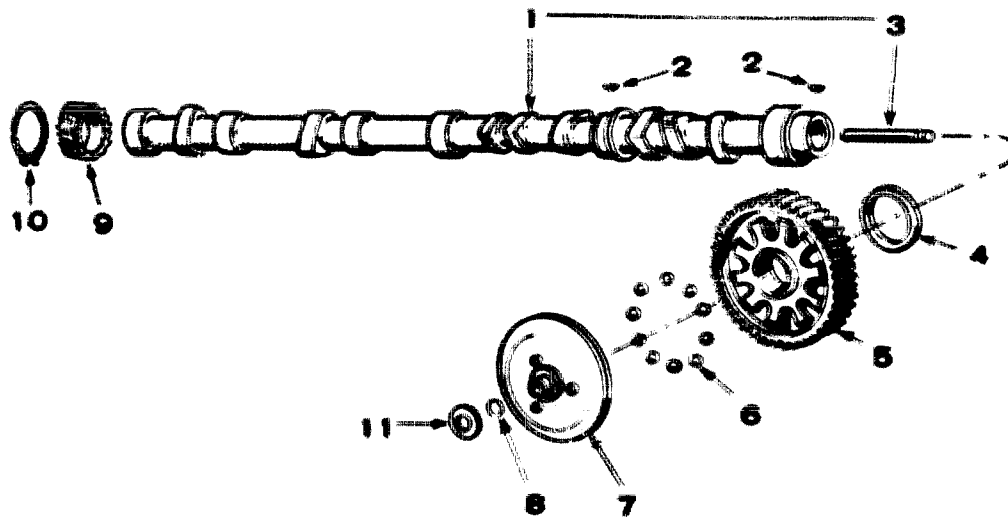


CYLINDER BLOCK AND OIL BASE

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	110-1361	1	Block Assembly, Cylinder (Includes Parts Marked *)	28	102-0475	1	Gasket, Oil Base
2	101-0337	1	*Plate, Rear Bearing (Less Bearing & Pins)	29	505-0056	1	Plug (1/2")
3	101-0386	1	*Gasket and Shim Kit, Rear Bearing Plate	30	515-0141	2	*Pin, Gear Cover Locating
4	*BEARING, PRECISION, MAIN - FRONT OR REAR			31	CUSHION, VIBRATION - SPEC A AND B		
	101-0359	2	Standard		402-0245	2	Engine End
	101-0359-02	2	.002" Undersize		402-0249	2	Generator End
	101-0359-10	2	.010" Undersize	32	WASHER, MOUNTING CUSHION (STEEL) - SPEC A AND B		
	101-0359-20	2	.020" Undersize		526-0181	4	Lower (17/32 x 2-7/8 x 1/8")
	101-0359-30	2	.030" Undersize		526-0182	4	Upper (17/32 x 2-7/8 x 1/4")
5	*BEARING HALF, PRECISION, MAIN - CENTER			33	402-0290	4	*Bushing, Mounting Spacer - Begin Spec C
	101-0361	2	Standard	34	CUSHION, VIBRATION (Cone Shaped)		
	101-0361-02	2	.002" Undersize		402-0285	2	Engine End, Begin Spec C
	101-0361-10	2	.010" Undersize		402-0287	2	Generator End, Spec C through S
	101-0361-20	2	.020" Undersize		402-0286	2	Generator End, Begin Spec AA
	101-0361-30	2	.030" Undersize	35	402-0282	4	*Snubber, Shock Mounting - Begin Spec C
6	101-0342	2	*Bolt, Center Bearing Housing	36	526-0128	4	*Washer (29/64" ID x 1-1/2" OD x 1/8") - Only with Cone Shaped Cushions
7	516-0149	2	*Pin, Center Bearing Housing	37	526-0198	As Req	*Washer (5/8" ID x 1-1/2" OD x 1/16") - Only with Cone Shaped Cushions
8	516-0072	4	*Pin, Thrust Washer	38	PAN, DRIP		
9	104-0420	2	*Washer, Crankshaft Thrust		405-1280	1	Spec A and B
10	101-0363	1	*Bearing, Precision Cam Front (Standard Only)		405-1403	1	Begin Spec C
11	101-0365	1	*Bearing, Precision Cam Rear (Standard Only)	39	405-1285	2	Clamp, Drip Pan Hold-down
12	101-0364	1	*Bearing, Precision Cam Center (Standard Only)	40	505-0449	1	Nipple (1/4" x 6") - Water Drain
13	*TUBE, CRANKCASE OIL			41	505-0027	1	Coupling (1/4") - Water Drain
	120-0586	1	Front	42	502-0153	1	Plug (1/4") - Water Drain
	120-0585	1	Rear	43	WASHER, FLAT		
14	517-0053	1	*Plug, Expansion - Rear Cam Opening		526-0245	6	Bearing Plate Mounting
15	517-0059	4	*Plug, Cylinder Block (Welsh) - 1-7/16"		526-0035	2	*Center Main Bearing Housing
16	517-0086	2	*Plug, Cylinder Block (Welsh) - 1-9/16"	44	800-0025	2	Screw, Cap - Hex Head (5/16-18 x 3/4")
17	517-0097	1	*Plug, Cylinder Block (Welsh) - 1-3/4"	45	850-0045	2	Washer, Lock - Spring (5/16")
18	509-0086	1	*Seal, Crankshaft Rear	46	800-0072	10	Screw, Cap - Hex Head (7/16-14 x 1-1/4")
19	805-0019	6	*Bolt, Rear Bearing Plate (3/8-16 x 1-1/4")	47	850-0055	10	Washer, Lock - Spring (7/16")
20	123-0849	1	Tube, Oil Fill	48	800-0081	4	*Screw, Cap - Hex Head (7/16-14 x 3-1/2") - Begin Spec C
21	123-0867	1	Gasket	49	850-0055	4	*Washer, Lock - Spring (7/16") - Begin Spec C
22	123-0898	1	Cap and Indicator		402-0380	4	Hardware Package, Mounting (Includes Parts Marked *) - Begin Spec C
23	123-0191	1	Gasket, Cap				
24	CAP, BREATHING TUBE						
	123-0456	1	Spec A Only				
	123-0787	1	Begin Spec B				
25	123-0645	1	Tube, Breather				
26	123-1283	1	Baffle, Breather Tube				
27	BASE, OIL						
	102-0476	1	Spec A and B				
	102-0539	1	Begin Spec C				

* - Included in Cylinder Block Assembly.
 * - Included in Mounting Hardware Package.

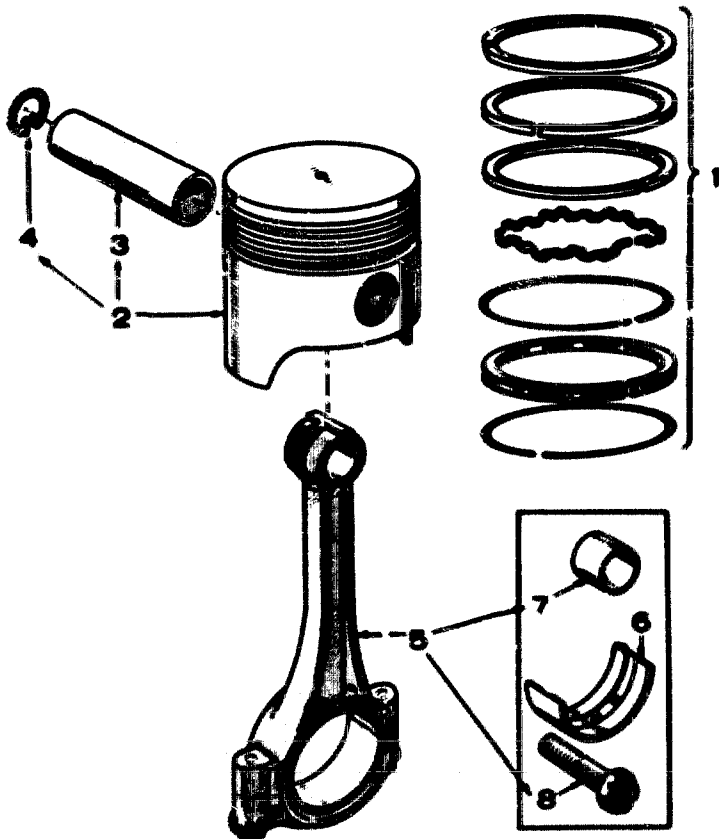
CAMSHAFT



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	CAMSHAFT, INCLUDES PIN		
	105-0230	1	Spec A through N
	105-0275	1	Begin Spec P
2	515-0001	2	Key, Camshaft Gear or Distributor Drive Gear
3	150-0075	1	Pin, Camshaft Center
4	105-0205	1	Washer, Thrust
5	105-0218	1	Gear, Camshaft (Includes Spacer and Plate)

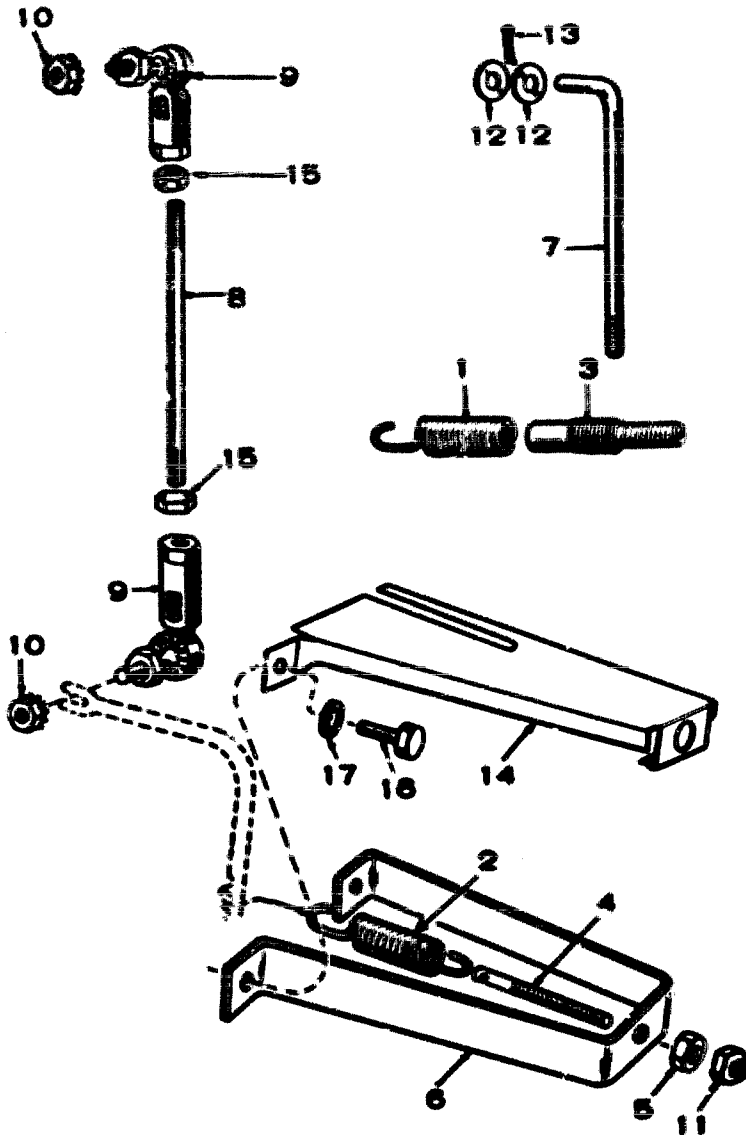
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
6	510-0046	10	Ball, Fly - Governor
7	150-0857	1	Cup, Governor
8	150-0078	1	Ring, Snap - Center Pin
9	GEAR, DISTRIBUTOR DRIVE		
	166-0302	1	Spec A through N
	166-0355	1	Begin Spec P
10	518-0195	1	Ring, Distributor Drive Gear
11	150-0859	1	Washer, Thrust, Governor Yoke

PISTON AND ROD



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	RING SET		
	113-0107	4	Standard
	113-0107-05	4	.005" Oversize
	113-0107-10	4	.010" Oversize
	113-0107-20	4	.020" Oversize
	113-0107-30	4	.030" Oversize
2	PISTON AND PIN (Includes Pin Retaining Rings)		
	112-0092	4	Standard
	112-0092-05	4	.005" Oversize
	112-0092-10	4	.010" Oversize
	112-0092-20	4	.020" Oversize
	112-0092-30	4	.030" Oversize
3	112-0086	4	Pin, Piston
4	112-0085	8	Ring, Retaining, Pin
5	114-0163	4	Rod Assembly, Connecting (Forged)
6	BEARING HALF, CONNECTING ROD		
	114-0164	8	Standard
	114-0164-02	8	.002" Undersize
	114-0164-10	8	.010" Undersize
	114-0164-20	8	.020" Undersize
	114-0164-30	8	.030" Undersize
7	114-0170	8	Bushing, Piston Pin, Connecting Rod, Semi-Finished
8	805-0012	8	Bolt, Connecting Rod (Special)

GOVERNOR

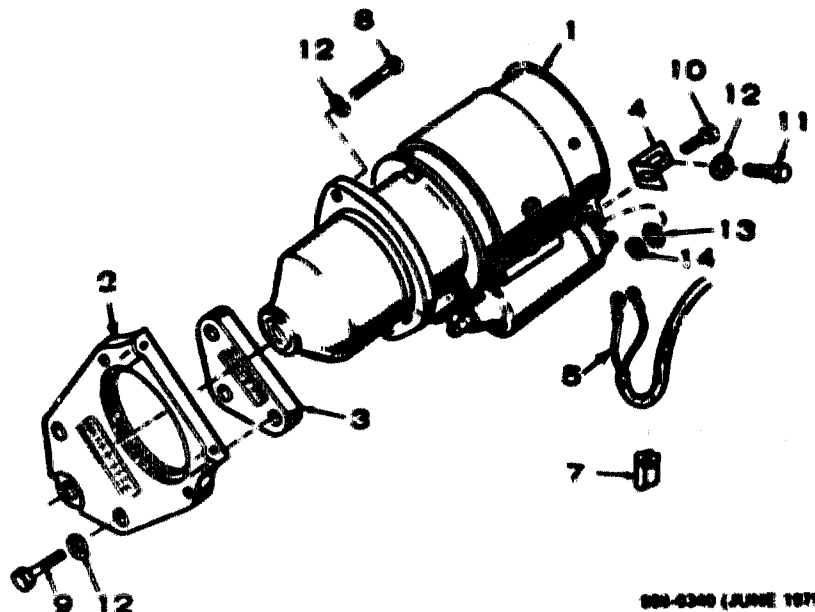


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	150-0862	1	Spring, Governor - Spec A through Q
2	150-1085	1	Spring, Governor - Begin Spec R
3	150-0863	1	Stud, Governor Adjustment - Spec A through Q
4	150-1082	1	Stud, Governor Adjustment - Begin Spec R
5	NUT, ADJUSTING		
	104-0091	1	Spec A through Q
	862-0003	1	Spec R through S
	862-0011	1	Begin Spec AA
6	BRACKET, GOVERNOR		
	150-0510	1	Spec A through Q
	150-1103	1	Begin Spec R
7	150-0841	1	Link, Governor - Spec A through Q
8	150-1089	1	Linkage, Governor - Begin Spec R
9	JOINT, BALL		
	150-0974	1	Spec A through Q
	150-1081	2	Begin Spec R
10	870-0131	1	Nut, Keps
11	PALNUT, LOCKING		
	870-0130	1	Spec A through Q
	870-0133	1	Begin Spec R
12	528-0116	2	Washer, Flat, Link to Carburetor - Spec A through Q
13	516-0035	1	Pin, Cotter - Link to Carburetor - Spec A through Q
14	150-0823	1	Cover, Governor Spring Bracket
15	870-0188	2	Palnut, Lock - Governor Link
16	800-0005	2	Screw, Cap - Hex Head (1/4-20 x 3/4")
17	850-0040	2	Washer, Lock - Spring (1/4")

STARTER

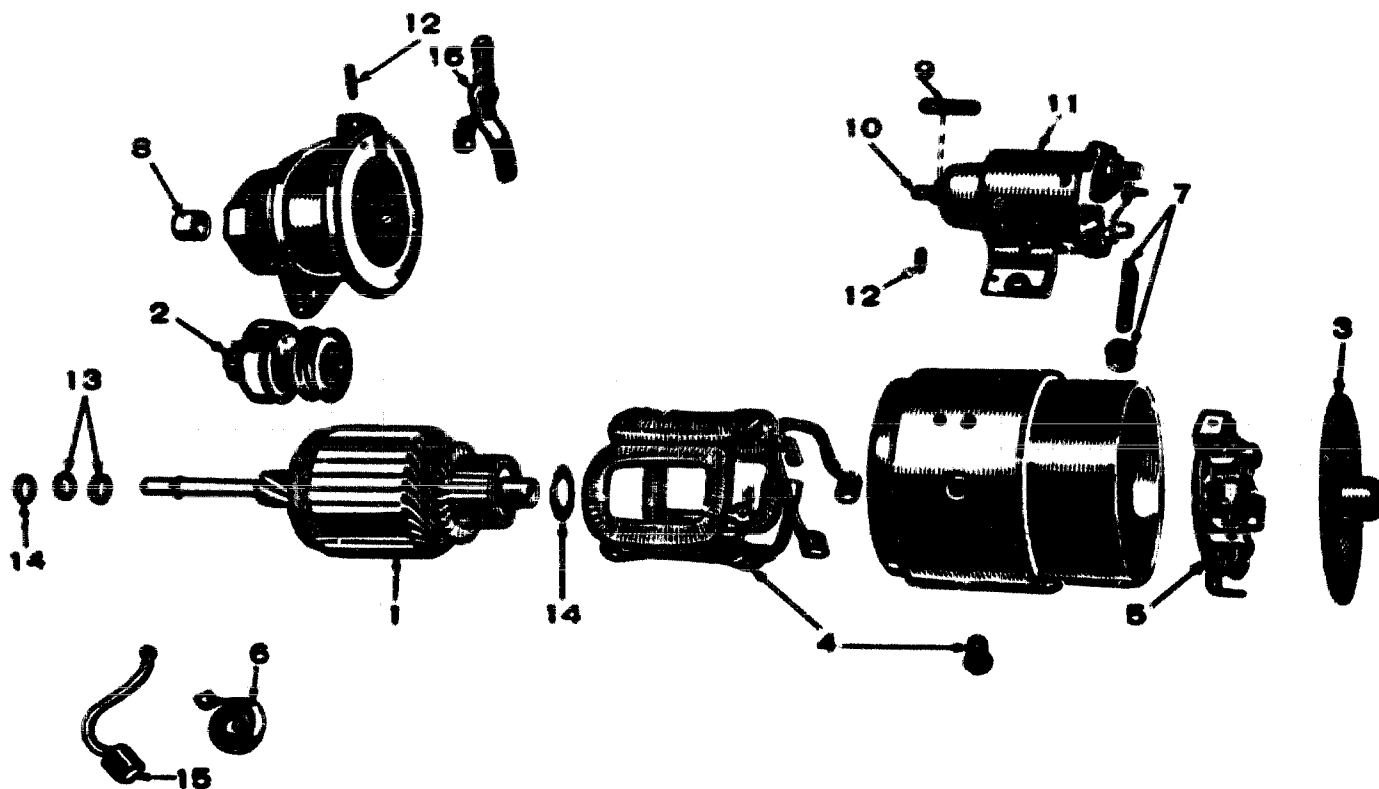
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	191-0324	1	*Motor, Starter (12 Volt)
2	191-1190	1	Flange, Starter Mounting
3	191-0311	1	Spacer, Starter Flange
4	191-0365	1	Bracket, Starter
5	338-0262	1	Harness, Starter to Control
7	416-0086	2	Clamp, Harness
8	800-0051	2	Screw, Cap - Hex Head (3/8-16 x 1-1/4")
9	800-0054	3	Screw, Cap - Hex Head (3/8-16 x 2")
10	800-0046	1	Screw, Cap - Hex Head (3/8-16 x 1/2")
11	800-0052	2	Screw, Cap - Hex Head (3/8-16 x 1-1/2")
12	850-0050	7	Washer, Lock - Spring (3/8")
13	856-0010	1	Washer, Lock - EIT (3/8")
14	864-0003	1	Nut, Hex (3/8-16)

* - See Separate Illustration for Component Parts.



800-0340 (JUNE 1979)

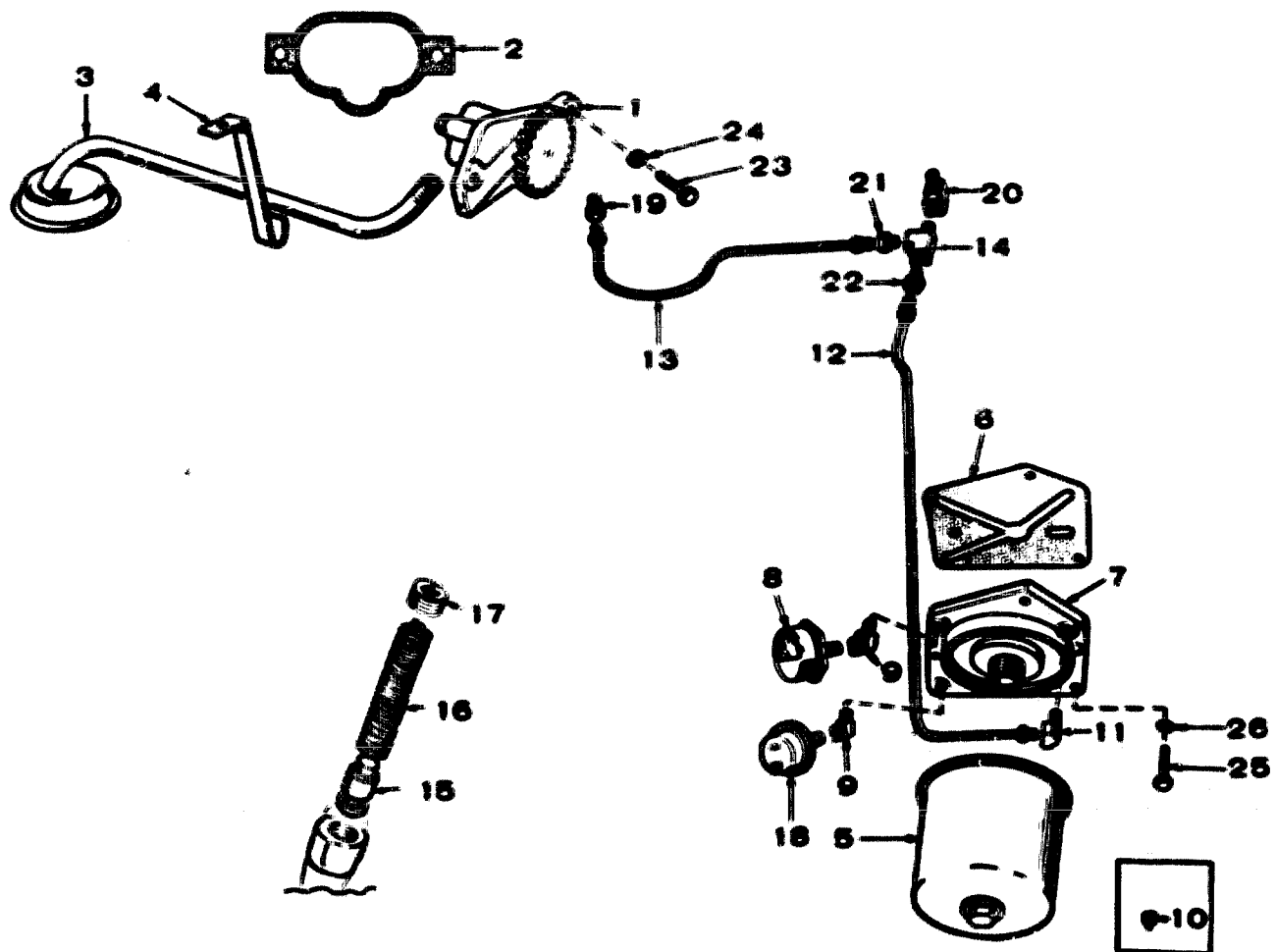
STARTER PARTS



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	191-0324	1	Motor Assembly, Starting
1	191-0712	1	Armature
2	191-0432	1	Clutch
3	191-1023	1	Head Assembly, Commutator End
4	191-1024	1	Coil Package, Field
5	191-1025	1	Plate Assembly, Brush
6	191-1020	1	Spring Set, Brush (Set of 4)
7	191-1026	1	Connector Package
8	191-0497	1	Bearing (Bronze), Drive End

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
9	191-1027	1	Spring, Plunger
10	191-1028	1	Core Assembly, Moving
11	191-0433	1	Switch, Solenoid
12	191-1029	1	Yoke Parts Package
13	191-1030	1	Stop and Lock Ring Package, Pinion
14	191-1031	1	Thrust Washer Package, Armature (Use as Required)
15	191-0434	1	Brush Set, Service
16	191-1032	1	Yoke

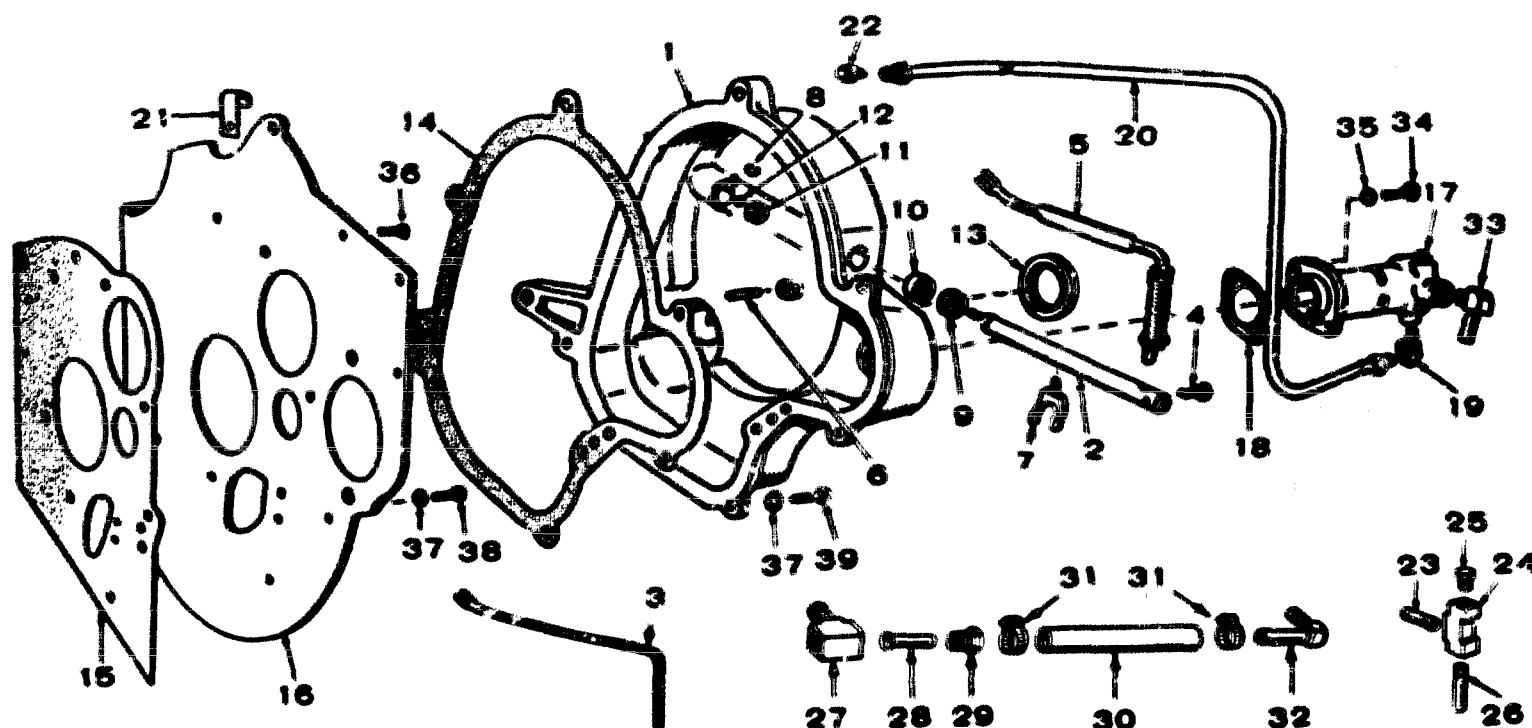
OIL SYSTEM



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	120-0547	1	Pump Assembly, Oil
2	120-0580	1	Gasket Kit, Oil Pump
3	120-0801	1	Cup, Oil Pump Intake
4	120-0802	1	Bracket, Intake Cup
5	FILTER, OIL		
	122-0185	1	Standard (4-3/8" Long)
	122-0183	1	Optional (5-3/4" Long)
6	122-0188	1	Gasket, Adapter
7	122-0182	1	Adapter, Oil Filter
8	193-0006	1	Gauge, Oil Pressure
9	502-0053	2	Elbow, Street (45°) -
			(1) Oil Gauge
			(1) Low Oil Pressure Switch
10	505-0057	1	Plug, 1/8" - Spec A through C
11	ELBOW, LINE TO ADAPTER		
	502-0019	1	Spec A through N
	502-0037	1	Begin Spec P
12	LINE, ADAPTER TO CYLINDER HEAD		
	120-0562	1	Spec A through N
	120-0641	1	Begin Spec P
13	LINE, TEE TO REAR CYLINDER HEAD		
	120-0575	1	Spec A through N
	120-0635	1	Begin Spec P
14	502-0242	1	Tee, Restricted - Front Cylinder Head
15	120-0539	1	Valve, Oil By-Pass

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
16	120-0555	1	Spring, By-Pass Valve
17	505-0274	1	Plug (1/8") - Oil By-Pass
18	309-0189	1	Switch, Low Oil Pressure -
			Begin Spec D (Optional
			Spec A through C)
19	CONNECTOR, INVERTED MALE - REAR CYLINDER HEAD		
	502-0097	1	Spec A through N
	502-0274	1	Begin Spec P (Restricted)
20	502-0053	1	Elbow (45°) - Restricted Tee to Front Cylinder Head
21	502-0097	1	Connector, Inverted Male - Tee to Rear Cylinder Head Oil Line
22	CONNECTOR, INVERTED MALE - ADAPTER OIL LINE TO TEE		
	502-0030	1	Spec A through N
	502-0097	1	Begin Spec P
23	800-0030	2	Screw, Cap - Hex Head (5/16-18 x 1-1/4")
24	850-0045	2	Washer, Lock - Spring (5/16")
25	800-0028	3	Screw, Cap - Hex Head (5/16-18 x 1")
26	850-0045	3	Washer, Lock - Spring (5/16")

GEARCASE AND WATER PUMP

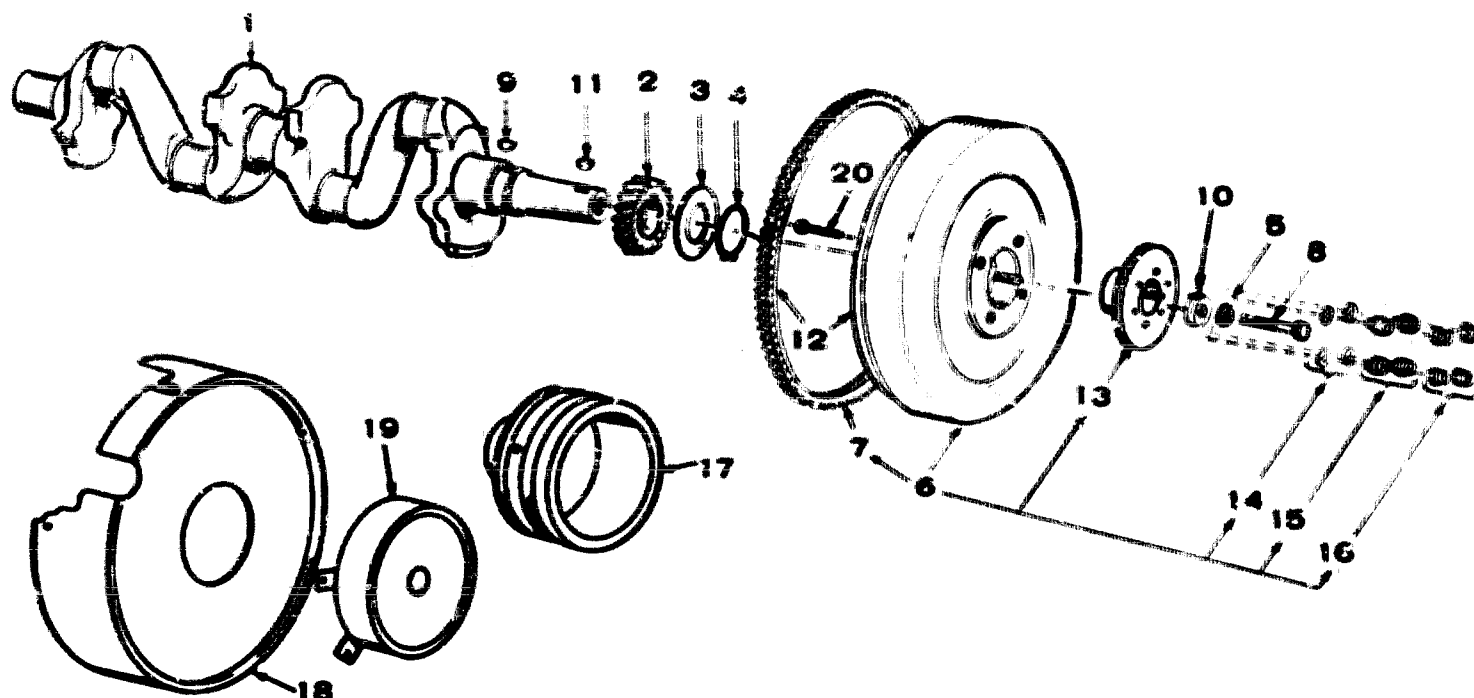


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	103-0267	1	Gearcase Assembly, Complete (Includes Parts Marked *)
2	150-0838	1	*Shaft, Governor
3	150-0838	1	Arm, Governor - Spec A through Q
4	815-0178	1	*Screw (#8-32 x 1/2")
5	150-1091	1	Arm, Governor - Begin Spec R
6	516-0111	1	*Pin, Governor Cup Stop
7	150-0777	1	*Yoke, Governor
8	516-0129	1	*Ring, Yoke Retaining
9	509-0088	1	*Seal, Governor Shaft
10	510-0048	1	*Bearing, 1/2" Shaft
11	510-0082	1	*Bearing, 1/4" Shaft
12	510-0043	1	*Ball, Governor Shaft Thrust
13	509-0087	1	*Seal
14	103-0251	1	Gasket, Gearcase
15	103-0218	1	Gasket, Backplate
16	103-0228	1	Backplate
17	PUMP, WATER (See Separate Illustrations for Component Parts)		
	§	1	Sets without Heat Exchanger Spec A through D (Order 131-0267 Replacement Kit and 130-0828 Watertine)
	131-0267	1	Begin Spec E (Includes Parts Marked †)
	§	1	Sets with Heat Exchanger Spec A through D (Order 131-0267 Replacement Kit)
	131-0267	1	Spec E through R (Includes Parts Marked †)
	Δ	1	Spec S (For Replacement Order 132-0147 Water Pump)
	132-0147	1	Begin Spec AA
18	131-0127	1	†Gasket, Water Pump Mounting
19	502-0076	1	Elbow, Inverted Male - Water Pump Outlet
20	**LINE, WATER PUMP TO BLOCK		
	130-0509	1	Spec A through D
	130-0828	1	Begin Spec E
21	130-0511	1	Clamp, Water Line

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
22	502-0074	1	Elbow, Inverted Male - Water Line to Block
23	502-0047	1	Nipple (Brass), Water Pump - Spec A through D
24	562-0157	1	Tee, Water Pump - Spec A through D
25	502-0153	1	Plug (Brass), Water Pump Tee - Spec A through D
26	502-0256	1	Nipple, Water Pump Inlet - Spec A through D
27	502-0247	1	Tee, Cylinder Block Water Inlet - Rear
28	130-0533	1	Adapter, Hose
29	502-0239	1	Nut, Inverted - Hose Adapter to Tee
30	503-0394	1	Hose, Water (8") - Front to Rear Cylinder
31	503-0183	2	Clamp, Hose
32	502-0237	1	Elbow, Cylinder Block Inlet - Front
33	502-0304	1	Elbow, Water Pump Inlet - Begin Spec E (Nil Work Spec A through D Sets)
34	800-0006	2	†Screw, Cap - Hex Head (1/4-20 x 7/8")
35	850-0040	2	†Washer, Lock - Spring (1/4")
36	815-0347	2	Screw, Machine - Flat Head (1/4-20 x 1/2")
37	850-0045	6	Washer, Lock - Spring (5/16")
38	800-0026	1	Screw, Cap - Hex Head (5/16-18 x 3/4")
39	SCREW, CAP - HEX HEAD		
	800-0028	1	Gearcase Mounting (5/16-18 x 1")
	110-0879	4	Gearcase Mounting (Special)

§ - 132-0059 Water Pump No Longer Available.
Δ - 132-0115 Water Pump No Longer Available.
* - Included in Gearcase Assembly.
** - Sets with Heat Exchanger order 130-0827 line.
† - Included in 131-0267 Water Pump Kit.

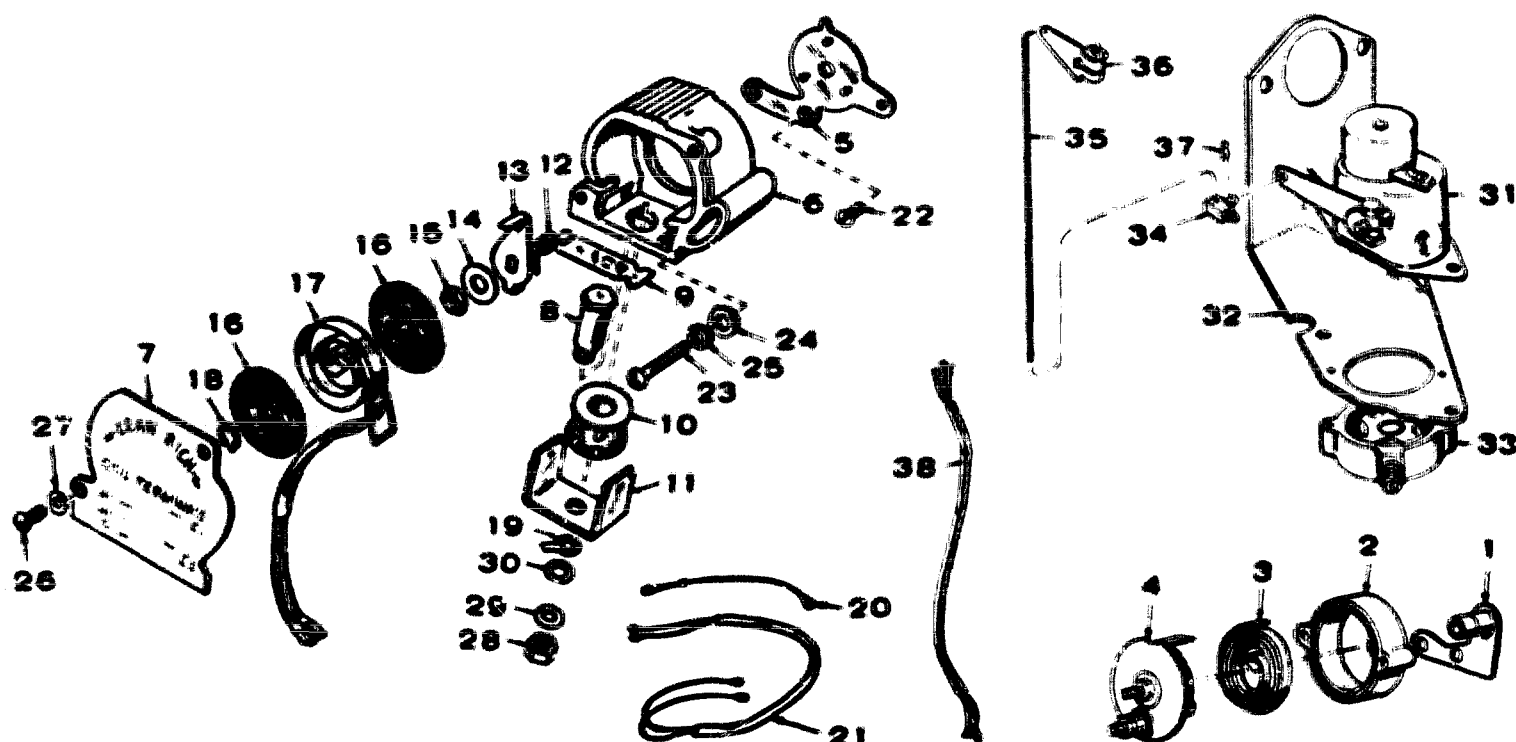
CRANKSHAFT AND FLYWHEEL



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	104-0460	1	Crankshaft
2	104-0418	1	Gear, Crankshaft
3	104-0416	1	Washer, Gear Retainer
4	518-0188	1	Ring, Lock
5	850-0055	1	Washer, Lock - Spring (7/16")
6	FLYWHEEL		
	104-0556	1	Includes Hub and Ring Gear
	104-0549	1	Includes Pulley & Ring Gear - Sets with Heat Exchanger or Keel Cooling - Optional
7	104-0423	1	Gear, Ring
8	800-0500	1	Screw, Cap - Hex Head (7/16-14 x 5-1/2")
9	515-0001	1	Key, Crankshaft Gear
10	526-0185	1	Washer, Flywheel Mounting

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
11	515-0153	1	Key, Flywheel to Crankshaft
12	104-0547	1	Flywheel (Includes Ring Gear, Less Hub)
13	134-1401	1	Hub, Flywheel
14	526-0187	4	Washer (Special), Hub to Flywheel
15	104-0543	4	Spacer and Washer Assembly, Hub to Flywheel
16	115-0150	4	Nut (3/8-24), Hub to Flywheel
17	134-0957	1	Hub & Pulley, Flywheel - Sets with Heat Exchanger or Keel Cooling
18	104-0444	1	Guard, Flywheel
19	104-0594	1	Cover, Flywheel Guard
20	801-0054	4	Screw, Cap - Hex Head (3/8-24 x 2")

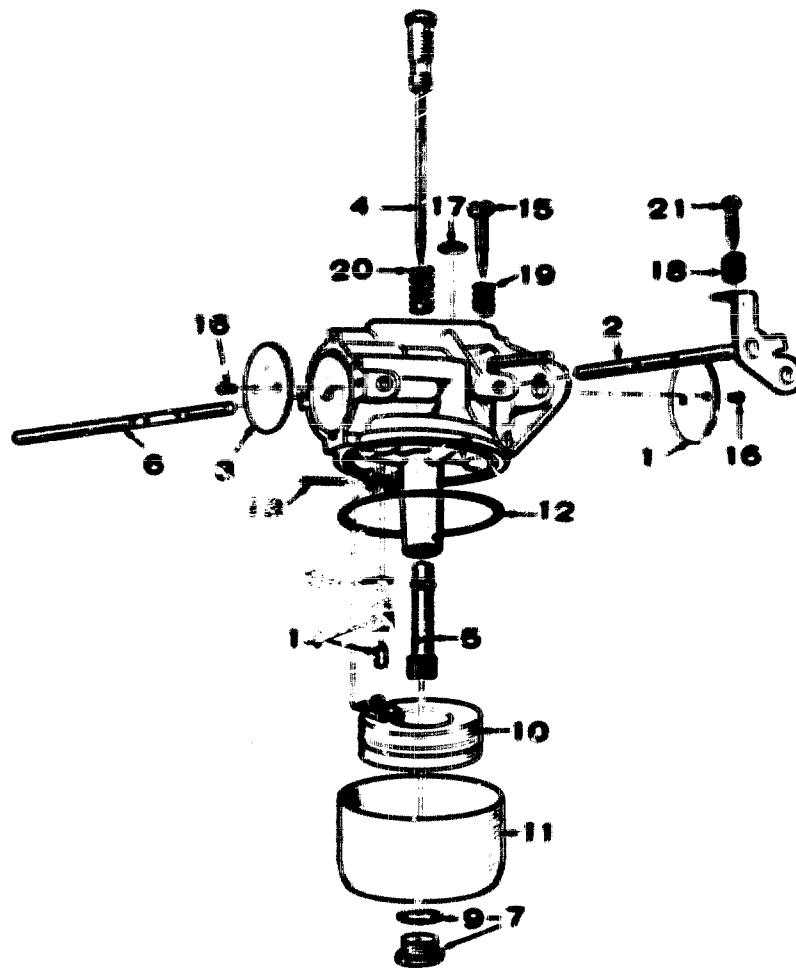
ELECTRIC AND THERMO-MAGNETIC CHOKE



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	-	1	Adapter - Spec A and B	21	338-0332	1	Harness, Choke - Begin Spec. D
2	153-0324	1	Bracket - Spec A and B	22	815-0161	2	Screw, Machine - Flat Head (10-32 x 3/8")
3	-	1	Element - Spec A and B	23	813-0107	1	Screw, Machine - Round Head (10-32 x 1-1/4")
4	153-0325	1	Cover Assembly, Choke (12 Volt) - Spec A and B	24	526-0008	1	Washer, Flat (13/64" ID x 7/16" OD x 1/32")
5	153-0385	1	Plate, Mounting - Begin Spec D	25	850-0030	1	Washer, Lock - Spring (#10)
6	153-0386	1	Body - Begin Spec D	26	812-0076	2	Screw, Machine - Round Head (8-32 x 5/16")
7	153-0389	1	Cover - Begin Spec D	27	854-0007	2	Washer, Lock - IT (#8)
8	153-0391	1	Core, Solenoid - Begin Spec D	28	864-0002	1	Nut, Jam (5/16-18)
9	153-0395	1	Armature - Begin Spec D	29	854-0017	1	Washer, Lock - IT (5/16")
10	307-1203	1	Coil, Solenoid Assembly - Begin Spec D	30	526-0022	1	Washer, Flat (21/64" ID x 9/16" OD x 1/16")
11	153-0392	1	Frame, Solenoid - Begin Spec D	31	153-0367	1	Choke, Electric (Sison) - Spec C Only
12	SPRING 153-0387	1	Spec D through R	32	153-0365	1	Bracket, Choke Mounting - Spec C Only
13	153-0425	1	Begin Spec S	33	153-0049	1	Cover Assembly, Choke (includes 12 Volt Heating Element) - Spec C Only
14	153-0390	1	Lever, Thermostat - Begin Spec D	34	142-0113	1	Swivel, Choke - Spec C Only
15	526-0018	1	Washer (17/64" ID x 5/8" OD x 1/16") - Begin Spec D	35	153-0226	1	Linkage, Choke - Spec C Only
16	870-0134	1	Pinnut (1/4-20) - Begin Spec D	36	141-0172	1	Arm, Choke - Spec C Only
17	153-0389	2	Insulator - Begin Spec D	37	516-0059	1	Lock (Hair Pin Type), Choke Swivel - Spec C Only
18	HEATER ASSEMBLY 153-0400	1	Spec D through R	38	338-0319	1	Harness Assembly, Choke (Sison) - Spec C Only
19	153-0422	1	Begin Spec S		153-0378	1	Choke Cover/Kit (12 volt), Thermo Magnetic - Spec A and B
20	518-0129	1	Ring, Retaining - Begin Spec D		153-0430	1	Kit, Choke (Thermal Magnetic) - Begin Spec D
21	332-0876	1	Terminal, Ground - Begin Spec D				
22	338-1550	1	Lead, Choke Ground - Begin Spec D				
23	338-1549	1	Lead, Solenoid to Ground - Begin Spec D				

* - No Longer Available - Order Choke Kit #153-0378.

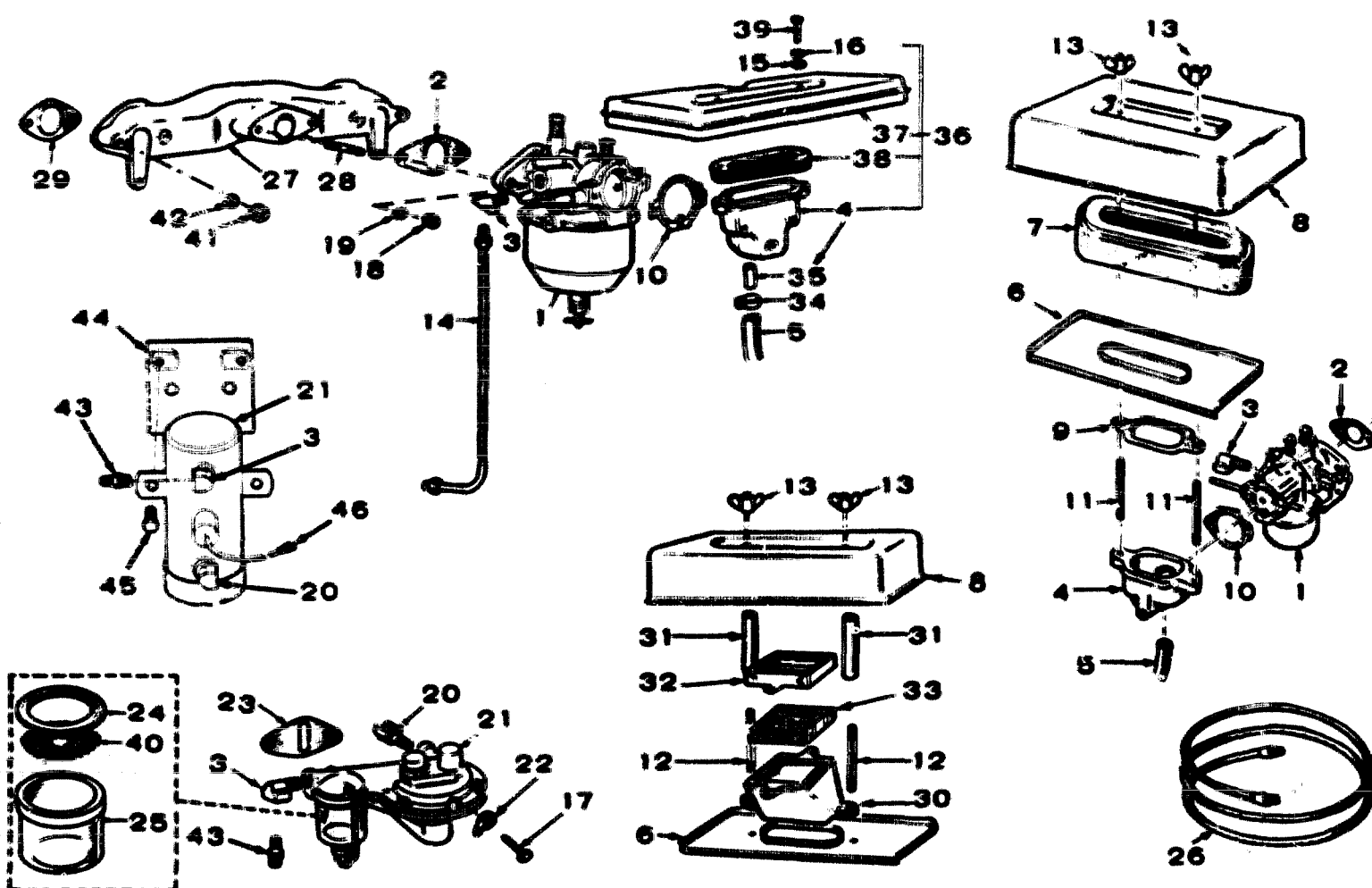
CARBURETOR PARTS - SPEC A THROUGH Q



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	141-0759	1	Carburetor	7	143-0238	1	Screw & Gasket, Bowl
	143-0241	1	Repair Kit, Carburetor (Includes Parts Marked **)	8	143-0015	1	*Gasket, Fuel Inlet Valve
	143-0201	1	**Gasket Kit, Carburetor (Includes Parts Marked *)	9	143-0209	1	*Gasket
	141-0281	1	Gasket, Carburetor Flange	10	143-0100	1	Float & Lever
1	143-0202	1	Valve, Throttle	11	143-0210	1	Bowl
2	143-0234	1	Shaft & Lever, Throttle	12	143-0077	1	*Gasket, Bowl Ring
3	143-0204	1	Valve, Choke	13	143-0212	1	**Pin, Float
4	143-0235	1	**Needle, Idle Jet & High Speed Adjustment	14	143-0341	1	**Valve, Fuel Inlet
5	143-0237	1	**Nozzle	15	143-0213	1	Screw, Idle Adjustment
6	SHAFT, CHOKE			16	812-0014	4	**Screw (#3-48 x 3/16)
	143-0207	1	For 143-0222 Carburetor (Used Spec A through C)	17	143-0110	1	Plug, Expansion
	143-0315	1	For 143-0304 Carburetor (Used Begin Spec D)	18	143-0214	1	Spring, Throttle Adjustment
				19	143-0112	1	Spring, Idle Adjustment
				20	132-0114	1	Spring, High Speed Adjustment
				21	143-0215	1	Screw, Throttle Adjustment

* - Contained in Gasket Kit.
 ** - Contained in Repair Kit.

FUEL SYSTEM



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	CARBURETOR (See Separate Group for Components)		
	141-0750	1	Spec A through Q
	141-0685	1	Begin Spec R
2	141-0281	1	Gasket, Carburetor Flange
3	ELBOW, INVERTED		
	502-0002	2	Fuel Pump Inlet and Carburetor Inlet (90°) - Spec A through C
	502-0002	1	Fuel Pump Inlet (90°) - Begin Spec D
	502-0065	1	Carburetor Inlet (45°) - Begin Spec D
4	ADAPTER, AIR CLEANER		
	140-0845	1	Spec A through Q
	140-0832	1	Begin Spec R
5	HOSE, BREATHER CAP TO AIR CLEANER		
	ADAPTER		
	503-0389	1	Spec A Only
	503-0471	1	Begin Spec B
6	140-0595	1	Can, Air Cleaner - Spec A through D
7	140-0606	1	Element, Air Cleaner and Silencer - Spec A through D
8	140-0594	1	Cover, Air Cleaner or Flame Arrestor - Spec A through D
9	140-0594	1	Gasket, Air Cleaner (Sets with Air Cleaner)
10	GASKET, AIR CLEANER OR FLAME ARRESTER		
	ADAPTER TO CARBURETOR		
	140-0585	1	Spec A through Q
	140-0921	1	Begin Spec R

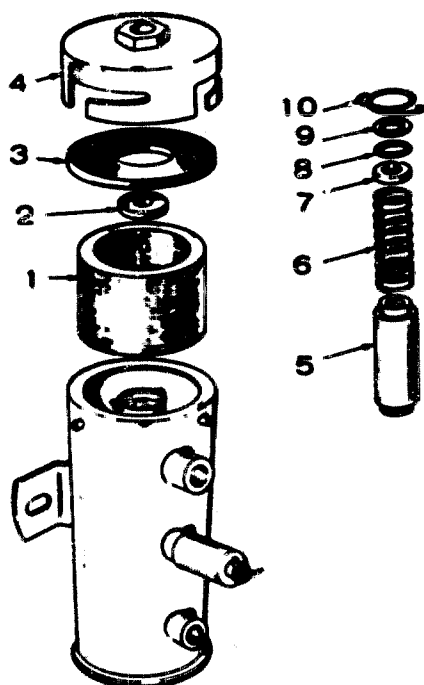
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
11	520-0621	2	Stud, Air Cleaner Cover
12	520-0634	2	Stud, Flame Arrestor - Spec A through D
13	865-0020	2	Nut, Wing (1/4-20) - Spec A through D
14	LINE, FUEL PUMP TO CARBURETOR		
	149-0744	1	Spec A through C
	149-1016	1	Spec D through P
	149-1099	1	Spec R through AA
	149-1578	1	Begin Spec AB
15	526-0021	2	Washer, Flat (17/84" ID x 3/4" OD x 1/16")
16	850-0040	2	Washer, Lock - Spring (1/4")
17	800-0027	2	Screw, Cap - Hex Head (5/16-18 x 7/8")
18	868-0002	2	Nut, Hex (5/16-24)
19	854-0017	2	Washer, Lock - IT (5/16")
20	502-0002	1	Elbow, Fuel Pump Outlet (90°)
21	PUMP, FUEL (See Separate Illustration for Component Parts)		
	149-0679	1	Mechanical Spec A through AA
	149-1541	1	Electric Begin Spec AB
22	149-1307	2	Washer, Flange - Fuel Pump Mounting - Spec A through AA
23	149-0792	1	Gasket, Fuel Pump Mounting
24	149-0517	1	Gasket, Bowl - Spec A through AA
25	149-0662	1	Bowl, Metal - Spec A through AA

888-6340 (JUNE 1979)

FUEL SYSTEM

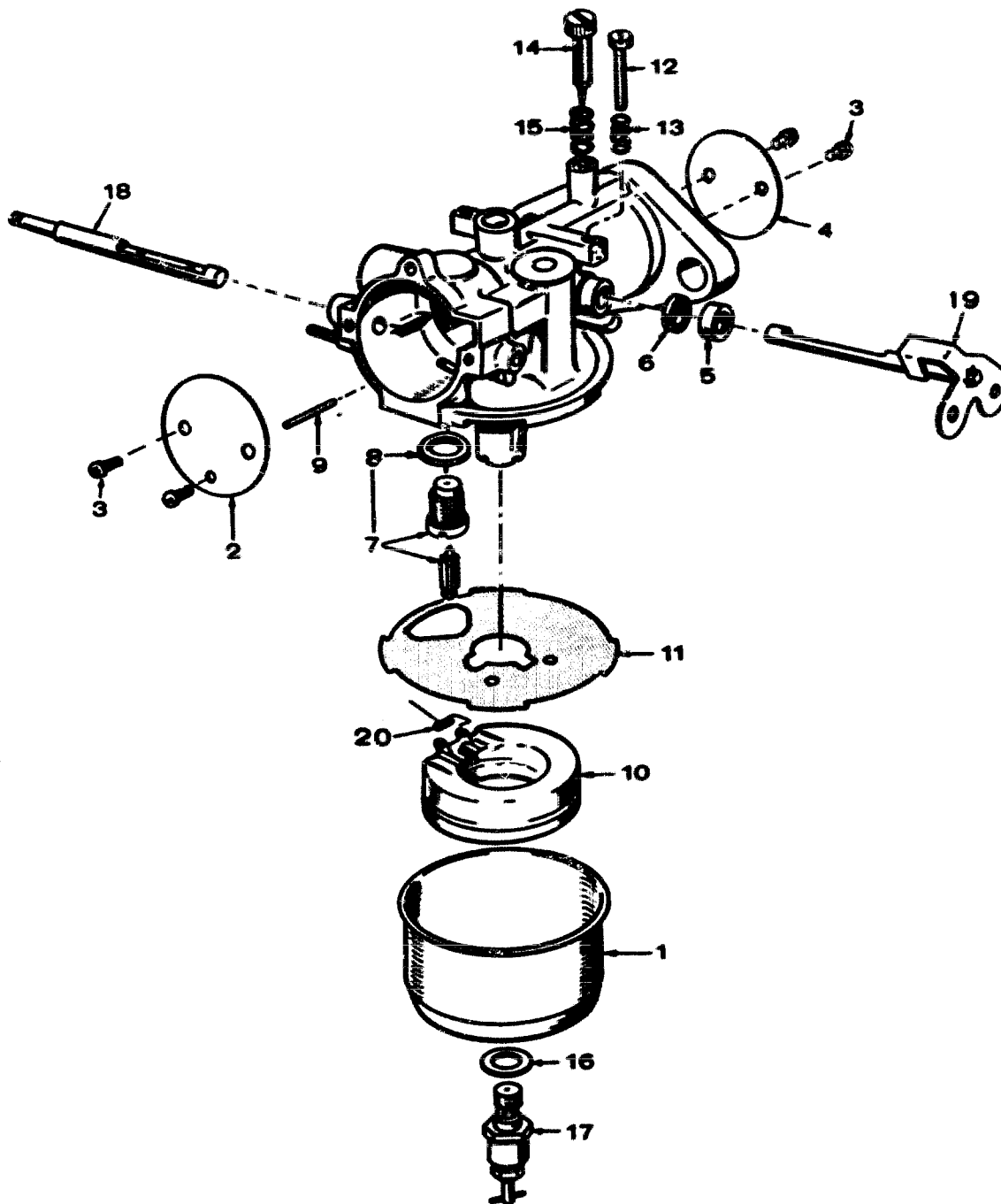
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
26	501-0242	1	Line, Fuel 24" (Order One 502-0576 Adapter for Replacement on Spec A through S)	36	ARRESTER AND RESONATOR ASSEMBLY, FLAME (COAST GUARD APPROVED) (Includes Adapter)		
				140-0832	1	Spec A through Q	
				145-0386	1	Begin Spec R	
27	154-0749	1	Manifold, Intake	37	RESONATOR		
28	520-0526	2	Stud, Carburetor Mounting	140-0830	1	Spec E through Q	
29	154-0733	2	Gasket, Intake Manifold	140-0876	1	Begin Spec R	
30	145-0311	1	Adapter, Carburetor to Flame Arrester (Optional) - Spec A through D	38	140-0802	1	Flame Arrester - Begin Spec E
				39	800-0720	2	Cap Screw, Resonator Mounting - Begin Spec E
31	145-0312	1	Spacer, Flame Arrester Cover (Optional Equipment) - Spec A through D	40	149-0463	1	Screen, Fuel Pump - Spec A through AA
32	145-0314	1	Retainer, Flame Arrester Element (Optional) - Spec A through D	41	868-0002	4	Nut, Hex (5/16-24)
33	145-0313	1	Element, Flame Arrester (Optional Equipment) - Spec A through D	42	526-0065	4	Washer, Flat - Copper (21/64" ID x 9/16" OD x 1/16")
34	503-0171	2	Clamp, Breather Hose	43	502-0576	1	Adapter, External Inverted Flare - Begin Spec AA
35	123-0893	1	Tube, Flame Arrester Adapter to Breather Hose (NOTE: Not used on some early models)	44	149-1577	1	Plate, Fuel Pump Mounting - Begin Spec AB
				45	821-0008	2	Screw, Cap - Hex Head Self Locking (1/4-20 x 5/16") - Begin Spec AB
				46	332-0529	1	Terminal, Fuel Pump Lead
				149-1048	1	Repair Kit, Fuel Pump - Spec A through AA	

FUEL PUMP PARTS (ELECTRIC)



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	149-1541	1	Pump, Fuel
1	149-1445	1	Filter
2	149-1447	1	Magnet
3	149-1446	1	Gasket, Cover
4	149-1453	1	Cover
5	149-1452	1	Plunger
6	149-0767	1	Spring, Plunger Return
7	149-1451	1	Spring Cup & Valve
8	149-1450	1	Gasket, Spring Cup
9	149-1449	1	Washer, Cup Gasket
10	149-1448	1	Retainer, Cup & Plunger

CARBURETOR PARTS - BEGIN SPEC R

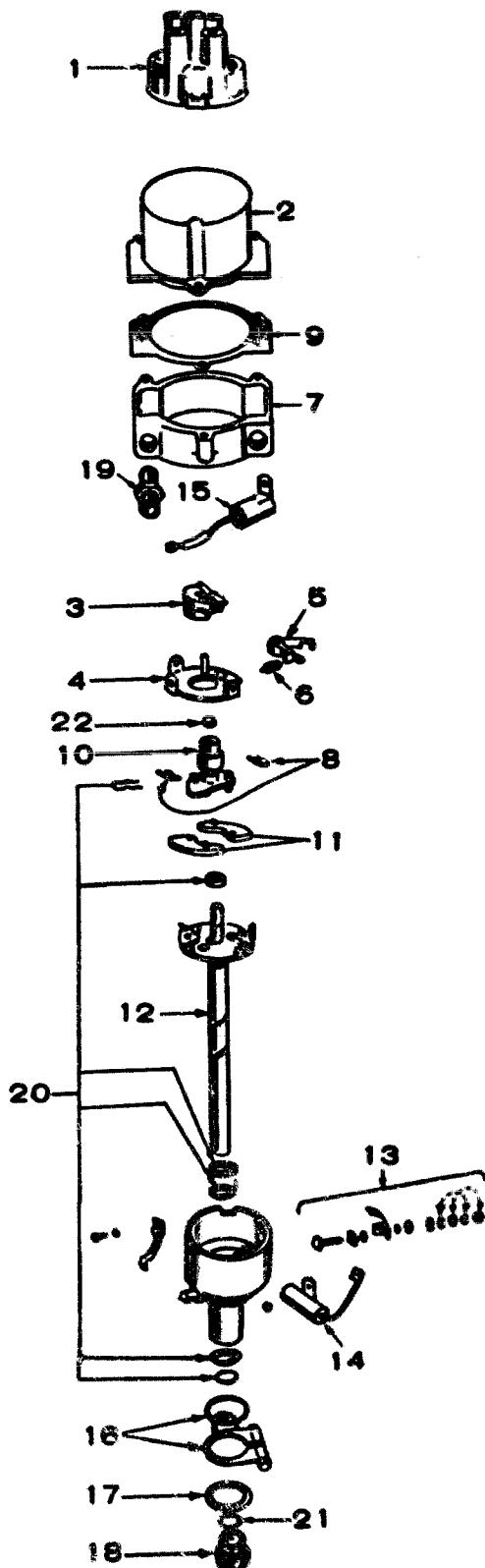


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	141-0685	1	Carburetor, Gasoline
	141-0747	1	Repair Kit (Includes Parts Marked *)
	141-0748	1	Gasket Kit (Includes Parts Marked +)
	141-0281	1	*Gasket, Carburetor Flange
1	141-0708	1	Bowl, Fuel
2	141-0771	1	Plate, Choke
3	141-0698	4	Screw & Washer, Choke and Throttle Plate Mounting
4	141-0793	1	Plate, Throttle
5	141-0705	1	*Retainer, Seal
6	141-0661	1	*Seal, Rubber
7	141-0830	1	*Valve Seat Assembly, Fuel
8	141-0811	1	+Washer, Fuel Valve Seat

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
9	141-0703	1	*Shaft, Float
10	142-0702	1	Float Assembly
11	141-0701	1	*+Gasket, Bowl to Body
12	141-0700	1	Screw, Throttle Stop
13	141-0711	1	Spring, Throttle Stop
14	141-0713	1	Needle, Idle Adjusting
15	141-0710	1	Spring, Idle Needle
16	141-0077	1	*+Washer, Main Jet Assembly
17	141-0712	1	Jet Assembly, Main (Adjustable)
18	141-0679	1	Shaft, Choke
19	141-0735	1	Shaft & Lever, Throttle
20	141-0799	1	*Spring, Float

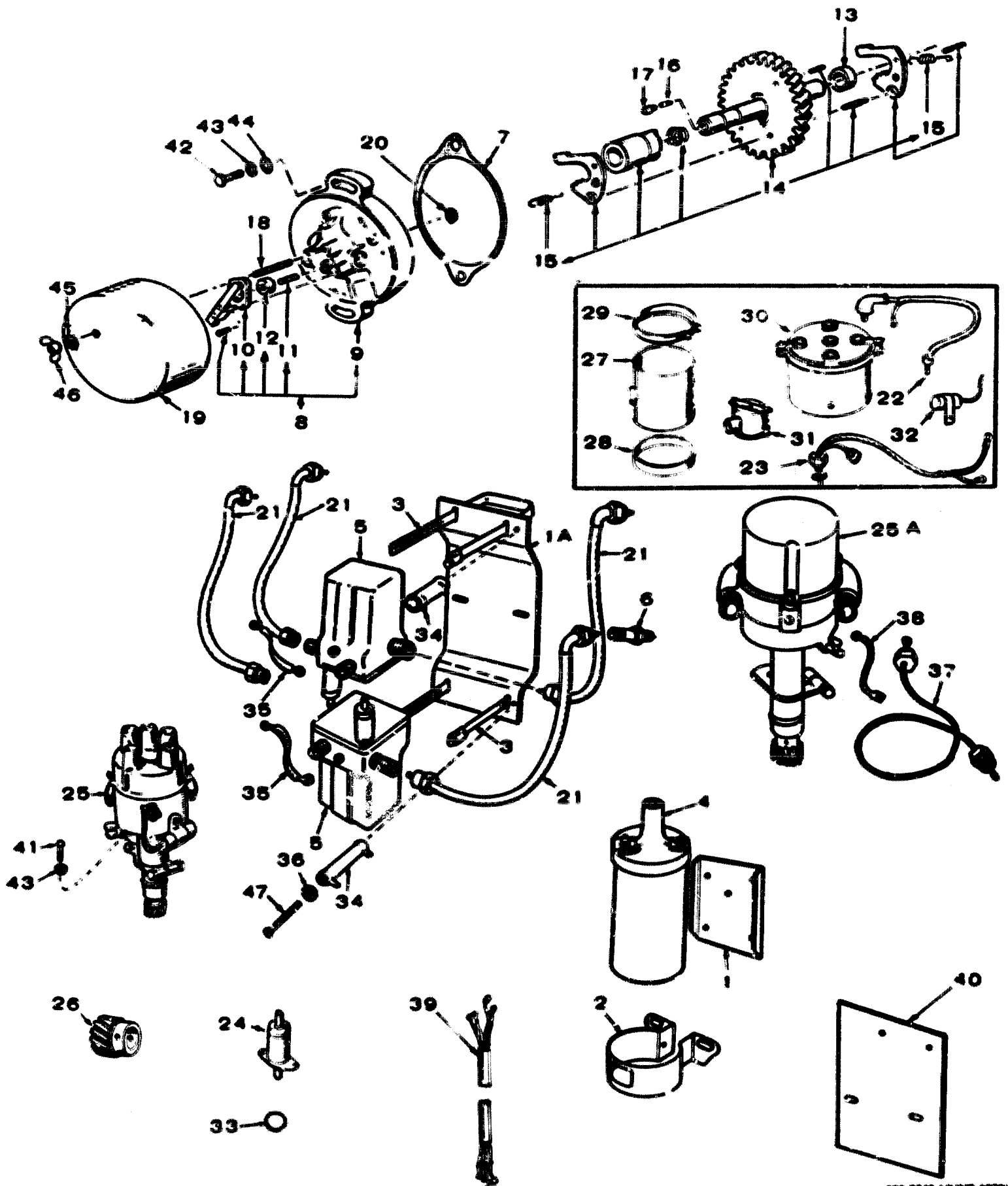
* - Parts contained in Repair Kit.
+ - Parts contained in Gasket Kit.

DISTRIBUTOR



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	DISTRIBUTOR ASSEMBLY, INCLUDES GEAR		
	166-0309	1	Spec A through N
	166-0475	1	Begin Spec P
1	166-0235	1	Cap - Spec A through N
2	166-0351	1	Cover, Begin Spec P
3	166-0234	1	Rotor - Spec A through N
4	PLATE, BREAKER		
	166-0297	1	Spec A through N
	166-0615	1	Begin Spec P
5	POINT SET, BREAKER		
	166-0245	1	Spec A through N
	166-0245	2	Begin Spec P
6	NUT, LOCK - CONTACT SCREW		
	166-0061	1	Spec A through N
	166-0061	2	Begin Spec P
7	166-0350	1	Adapter, Cover
8	166-0806	1	Spring Set, Governor Weight
9	166-0397	1	Gasket, Cover
10	CAM AND STOP, LATE		
	166-0611	1	Spec A through N
	166-0616	1	Begin Spec P
11	166-0809	1	Weight Set, Governor
12	166-0610	1	Shaft, Drive
13	TERMINAL STUD AND PARTS PACKAGE		
	166-0608	1	Spec A through N
	166-0608	2	Begin Spec P
14	166-0310	1	Condenser - Spec A through N
15	312-0115	2	Condenser - Begin Spec P
16	166-0308	1	Advance Arm & Clamp
17	509-0086	1	Seal, Base
18	GEAR, DRIVE		
	166-0303	1	Spec A through N
	166-0354	1	Begin Spec P
19	167-0061	2	Nipple, Shield - Begin Spec P
20	166-0612	1	Bearing & Parts Package
21	518-0216	1	Ring, Retaining
22	166-0807	1	Wick Package

IGNITION SYSTEM



988-0340 (JUNE 1974)

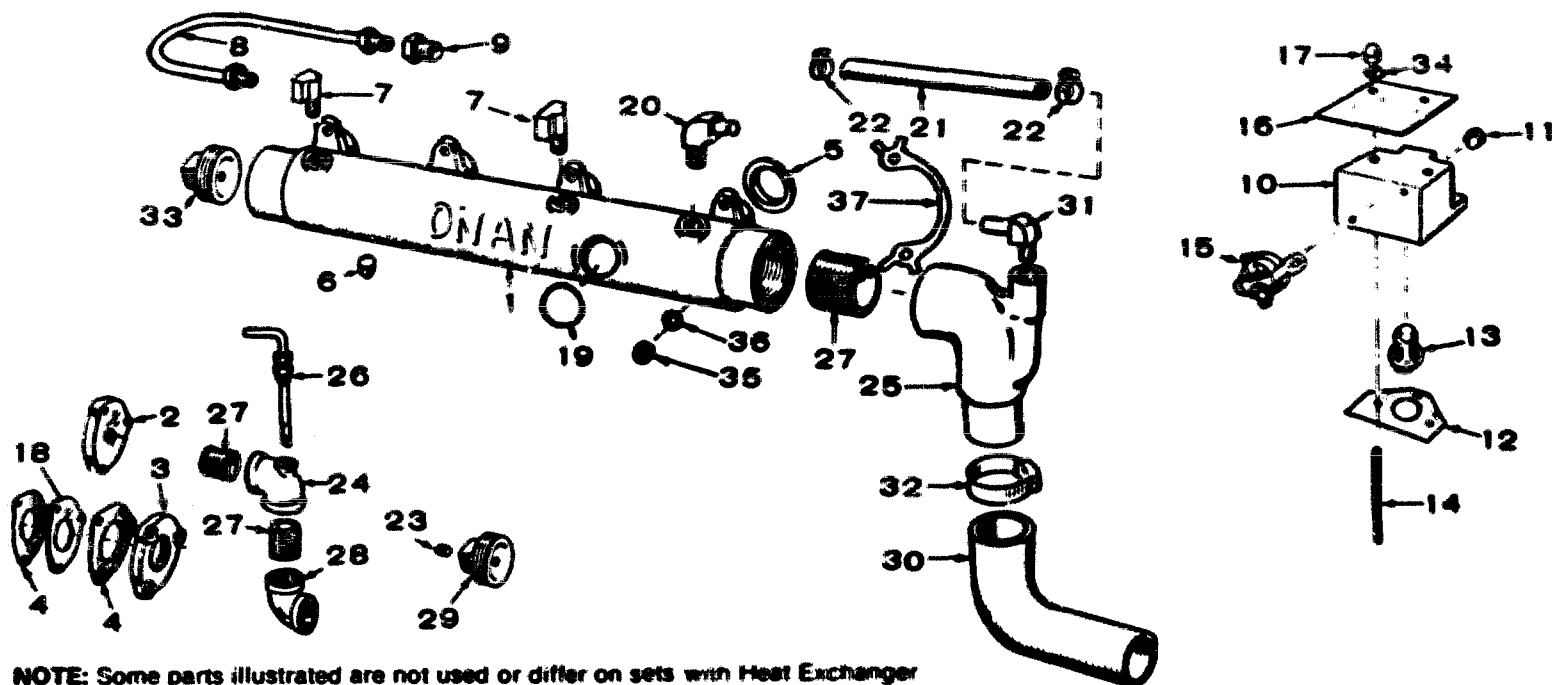
IGNITION SYSTEM

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	166-0886	1	Bracket, Ignition Coil - Spec A through N
1A	166-0474	1	Bracket, Ignition Coil - Begin Spec P
2	166-0279	1	Clamp, Ignition Coil - Spec A through N
3	503-0465	2	Clamp, Ignition Coil - Begin Spec P
4	166-0278	1	Coil, Ignition - Spec A through N
5	166-0382	2	Coil, Ignition - Begin Spec P
6	PLUG, SPARK		
	167-0080	4	Spec A and B
	167-0241	4	Spec C through N
	167-0199	4	Begin Spec P
7	160-0721	1	Gasket, Breaker Plate Mounting
8	191-0395	1	Plate, Switch
9	160-1224	1	Plate Only, Start-Disconnect
10	309-0134	1	Switch Assembly
11	309-0140	1	Plunger, Switch
12	160-0382	1	Diaphragm, Switch Plunger
13	160-0720	1	Spacer, Start-Disconnect Control
14	CONTROL ASSEMBLY, IGNITION TIMING OR START-DISCONNECT (Also Drives Water Pump) - INCLUDES WEIGHT SPRINGS		
	160-0759	1	Spec A through D
	160-0972	1	Begin Spec E
15	160-0711	2	Spring, Timing Weight (Included in Control Assembly)
16	160-0773	1	Spring, Thrust Plunger
17	160-0774	1	Plunger, Thrust
18	520-0347	1	Stud, Breaker Plate Cover
19	160-0719	1	Cover, Breaker Plate
20	160-0806	1	Disc, Thrust Plunger
21	CABLE, SPARK PLUG - SHIELDED		
	167-1414	3	Spec A and B (17-1/2")
	*25216-15	3	Spec C through N (15")
	167-1415	1	Spec A and B (26")
	*25216-26	1	Spec C through N (26")
	167-1474	1	Begin Spec P (23")
	167-1508	1	Begin Spec P (25")
	167-1509	2	Begin Spec P (26")
22	CABLE, COIL TO DISTRIBUTOR SHIELDED		
	*7494R-14-1/2	1	Spec A and B
	*25202-16	1	Spec C through N
23	LEAD ASSEMBLY, COIL TO BREAKER BOX		
	*7495-G	1	Spec A and B
	*25203-G	1	Spec C through N
24	CONDENSER (.175 Mfd.) FEED THROUGH		
	312-0121	1	Spec A through N
	312-0083	2	Begin Spec P
25	166-0309	1	Distributor Assembly, Includes Gear - Spec A through N

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
25A	166-0475	1	Distributor Assembly, Includes Gear - Begin Spec P
26	GEAR, DISTRIBUTOR DRIVE		
	166-0303	1	Spec A through N
	166-0354	1	Begin Spec P
27	SHIELD, COIL		
	*7476	1	Spec A and B
	*25322	1	Spec C through N
28	COVER, COIL SHIELD		
	*7477	1	Spec A and B
	*25323	1	Spec C through N
29	167-0169	1	Clamp, Coil Shield - Spec A through N
30	SHIELD ASSEMBLY, DISTRIBUTOR		
	167-0197	1	Spec A and B
	*25300-17-0	1	Spec C through N
31	167-0185	1	Shield, Terminal - Distributor - Spec A through N
32	312-0058	1	Condenser (.1 Mfd.) - Ignition - Spec A through N
33	509-0102	2	Gasket, "O" Ring - Condenser Mounting - Begin Spec P
34	304-0060	2	Resistor, Ignition Coil - Begin Spec P
35	337-0071	2	Strap, Grounding Coil - Begin Spec P
36	304-0014	4	Washer, Resistor Centering - Begin Spec P
37	LEAD ASSEMBLY, DISTRIBUTOR TO COIL (Shielded) - BEGIN SPEC P		
	336-1464	1	20"
	336-1680	1	22"
38	337-0068	1	Strap, Ground - Distributor - Begin Spec P
39	HARNESS, WIRING - SWITCH PLATE TO CONTROL		
	338-0264	1	Spec A through AA
	338-1146	1	Begin Spec AB
40	160-1098	1	Plate, Coil Mounting - Begin Spec P
41	812-0148	1	Screw, Machine - Round Head (1/4-20 x 1/2")
42	800-0052	2	Screw, Cap - Hex Head (3/8-16 x 1-1/2")
43	WASHER, LOCK - SPRING		
	850-0040	1	Distributor Mounting (1/4")
	850-0050	2	Start-Disconnect Plate Mounting (3/8")
44	526-0026	2	Washer, Flat (13/32" ID x 3/4" OD x 1/16")
45	853-0008	1	Washer, Lock - ET (#10)
46	863-0011	1	Nut, Wing (10-32)
47	812-0091	2	Screw, Machine - Round Head (6-32 x 2-1/2")

* - Order these parts from Hallett Mfg. Co., 5910 Browcroft Street, Los Angeles, California.

EXHAUST MANIFOLD, AND THERMOSTAT



NOTE: Some parts illustrated are not used or differ on sets with Heat Exchanger or Keel Cooling. See also these separate groups.

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	154-2124	1	Manifold, Exhaust, Includes Parts Marked * (Spec A and B, also Order 505-0489 Plug)
2	154-0709	1	Cap, End - Exhaust Manifold, Plain - Spec A and B
3	154-0743	1	Cap, End - Exhaust Manifold, Threaded Outlet - Spec A and B
4	157-0711	3	Gasket, Exhaust Manifold Cap - Spec A and B
5	154-1057	4	Gasket, Exhaust Manifold to Head
6	PLUG, PIPE 505-0110 505-0266	1 1	Square Head (3/8") Socket Head (3/8")
7	502-0074	2	Elbow, Inverted Male - Manifold Water Line Inlet
8	130-0510	2	Line, Water - Thermostat Cover to Outlet
9	502-0103	2	Connector, Inverted Male - Thermostat Cover Outlet
10	COVER, THERMOSTAT 309-0160 309-0161	2 2	Sets without Keel Cooling Sets with Keel Cooling
11	505-0274	2	Plug, Countersunk (1/8")
12	309-0145	2	Gasket, Thermostat Cover
13	309-0130	2	Thermostat
14	520-0143	4	Stud, Thermostat Cover
15	309-0156	1	Switch, High Temperature Cut-Off (Replaces 309-0151 on Sets without Heat Exchanger or Keel Cooling)
16	309-0154	1	Cover, Thermostat Switch - Sets with Switch Mounted on Cover
17	889-0002	4	Nut, Acorn (5/16-24)
18	154-0811	1	Plate, End Cap Gasket - Spec A Only

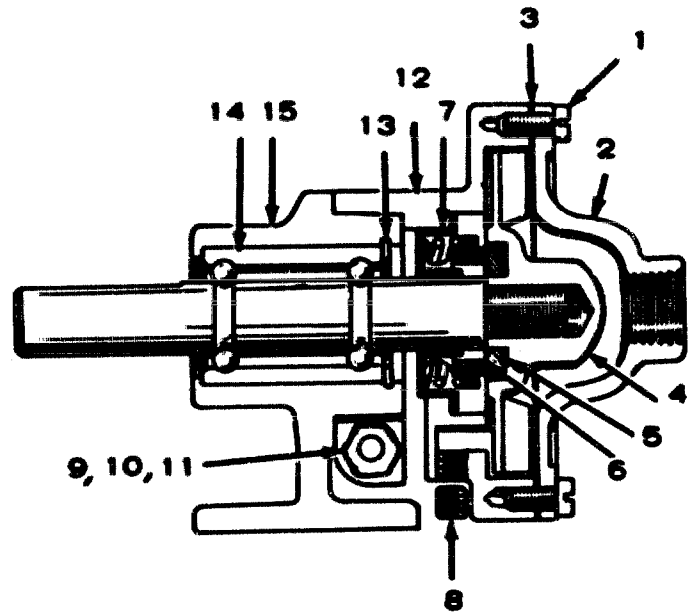
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
19	PLUG, EXPANSION 517-0041 517-0059	4 1	*Brass - 1-1/8" Diameter *Brass - 1-7/16" Diameter
20	502-0237	1	Elbow, Brass - Exhaust Manifold Water Outlet
21	503-0084	1	Hose, Rubber
22	503-0547	2	Clamp, Water Hose
23	502-0080	1	Plug (1/8" - Square Head Brass) - Manifold End Cap - (Used on some early models)
TEE, REDUCING - EXHAUST (With Provision for Water Line)			
24	505-0486	1	Early Models
25	155-1059	1	Late Models
26	154-0894	1	Tube Assembly, Water Hose Adapter - Early Models
27	505-0194	1	Nipple, Close (1-1/2") - Exhaust (Early Models used Quantity of 2)
28	505-0494	1	Elbow, Pipe (1-1/2" x 90°) - Exhaust - Early Models
29	505-0489	1	Plug, Exhaust Manifold End (1-1/2" x 1/8") - (Used on some early models)
30	503-0576	1	Elbow, Exhaust Hose - Late Models
31	502-0237	1	Elbow Brass - Water Hose Adapter - Late Models
32	503-0465	2	Clamp, Hose - Exhaust Elbow
33	PLUG, PIPE - EXHAUST MANIFOLD 505-0402 505-0950	1 1	Square Head (1-1/2") - Spec C through S Socket Head (1-1/2") - Begin Spec AA
34	526-0022	4	Washer, Flat (21/64" ID x 9/16" OD x 1/16" Thk.)
35	110-0445	8	Nut, Hex (5/16-24)
36	526-0045	8	Washer, Flat - Brass (#4)
37	154-1685	2	Tab, Lock - Exhaust Manifold

* - Included in 154-2124 Exhaust Manifold.

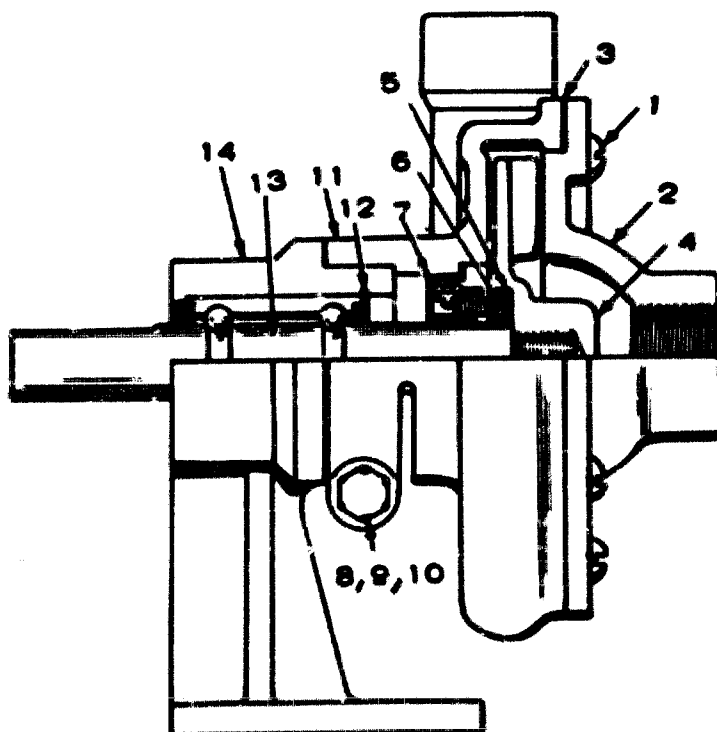
WATER PUMP PARTS (132-0110)

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	132-0110	1	Pump, Water
	132-0111	1	Kit, Repair (Includes Parts Marked *)
1	132-0113	6	*Screw, Cap - Hex Head Slotted
2	132-0137	1	Cover, Water Pump
3	132-0112	1	*Gasket
4	132-0114	1	*Impeller
5	132-0092	1	*Seat
6	132-0091	1	*Ring, Wear
7	132-0101	1	*Seal Assembly
8	132-0141	1	Plug, Pipe - Socket Drive
9	132-0138	1	Screw, Cap - Hex Head
10	132-0139	1	Washer, Lock - Spring
11	132-0140	1	Nut, Hex
12	132-0136	1	Body, Pump (Not Sold Separately)
13	132-0132	1	Ring, Retaining
14	132-0089	1	*Bearing, & Shaft Assembly
15	132-0142	1	Pedestal, Pump (Not Sold Separately)

* - Included in Repair Kit.



WATER PUMP PARTS (132-0074)

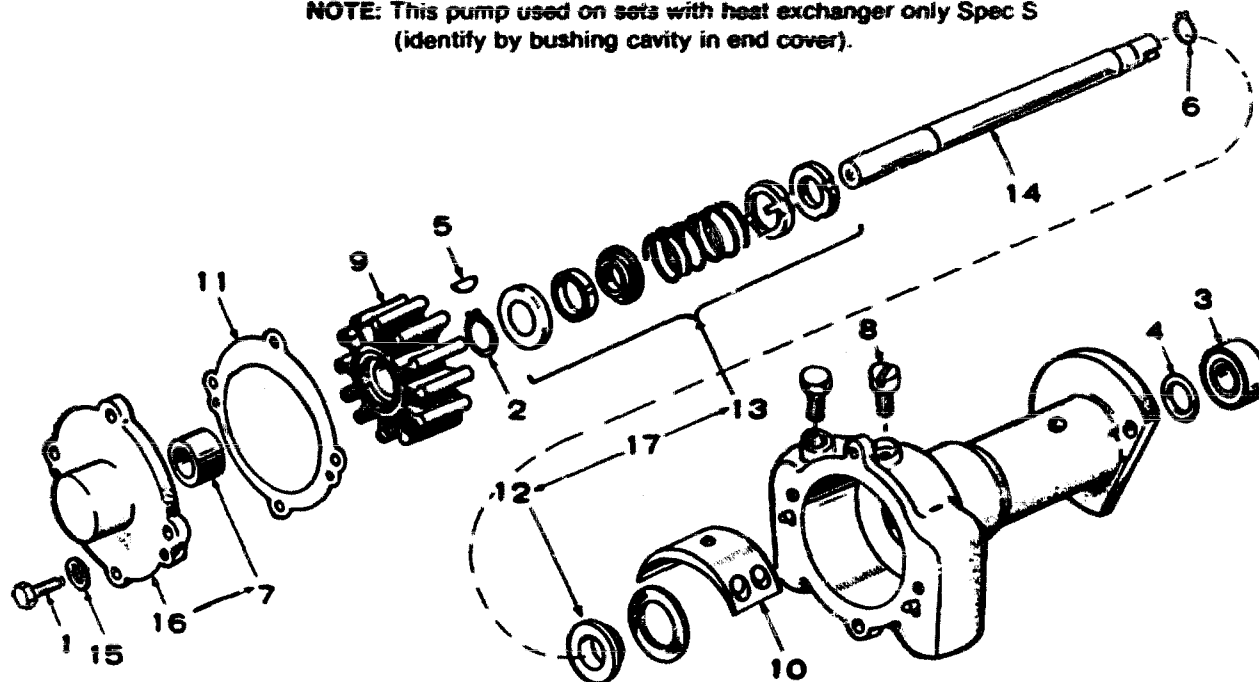


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	132-0074	1	Pump, Water
	132-0093	1	Kit, Repair (Includes Parts Marked *)
1	810-0099	8	*Screw, Machine - Round Head Brass (#10-24 x 7/16")
2	132-0145	1	Cover, Water Pump
3	132-0099	1	*Gasket
4	132-0087	1	Impeller
5	132-0092	1	*Cap, Wear Ring
6	132-0091	1	*Ring, Wear
7	132-0101	1	*Seal Assembly
8	132-0138	1	Screw, Cap - Hex Head
9	132-0139	1	Washer, Lock - Spring
10	132-0140	1	Nut, Hex
11	132-0144	1	Body, Pump (Not Sold Separately)
12	132-0132	1	Ring, Retaining
13	132-0089	1	*Bearing & Shaft Assembly
14	132-0143	1	Pedestal, Pump (Not Sold Separately)

* - Included in Repair Kit.

WATER PUMP PARTS (132-0115 SHERWOOD)

NOTE: This pump used on sets with heat exchanger only Spec S (identify by bushing cavity in end cover).



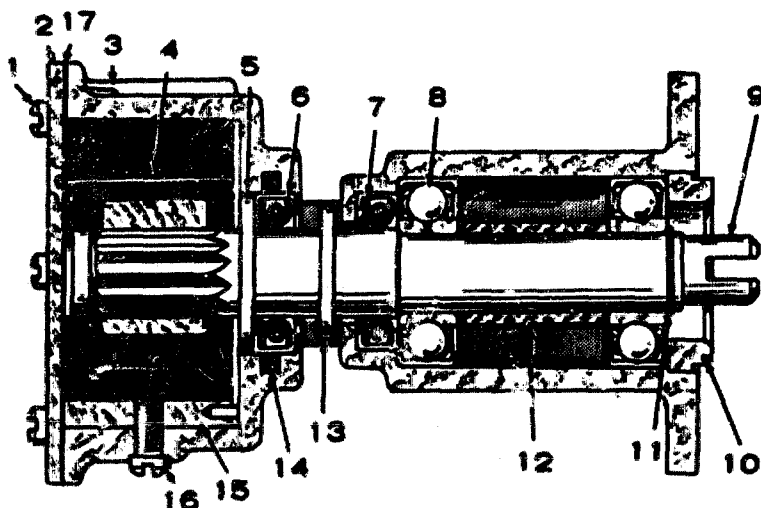
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	132-0115	1	Pump, Water (Order 132-0147 for Complete Pump)
	132-0116	1	Kit, Repair - Includes Parts Marked *
1	800-1003	4	Screw, Cap - Hex Head (1/4-20 x 1/2")
2	132-0119	1	Ring, Retainer - Seat and Seal
3	132-0120	1	*Bearing, Ball
4	132-0121	1	Slinger
5	515-0002	1	Key
6	132-0122	1	Ring, Retainer - Drive End
7	132-0123	1	*Bushing

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
8	132-0124	1	Screw, Cam
9	132-0117	1	*Impeller
10	132-0125	1	Cam
11	132-0118	1	*Gasket, Cover
12	132-0126	1	*Seat
13	132-0127	1	*Seal
14	132-0128	1	Shaft
15	850-0040	4	Washer, Lock - Spring (1/4")
16	132-0129	1	Cover, Includes Bushing Seal and Seat Package
17	132-0130	1	

* - Included in #132-0116 Repair Kit.

WATER PUMP PARTS (132-0147-JABSCO)

NOTE: This pump used on sets with heat exchanger only Begin Spec AA (identify by the flat end cover).

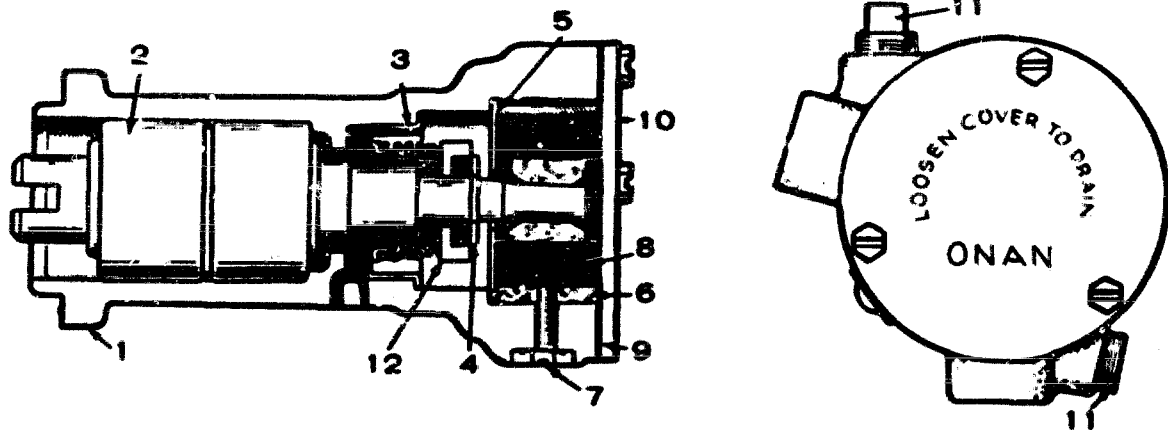


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	132-0165	6	Screw - Fillister Head
2	132-0164	1	Cover - End
3	132-0163	1	Body - 3/4 Footless Pump
4	132-0162	1	*Impeller (Spline Seal Included)
5	132-0161	1	Spacer - Seal
6	132-0160	1	*Seal
7	132-0159	1	Seal
8	132-0158	2	Bearing - Ball
9	132-0157	1	Shaft
10	132-0156	1	Ring - Adapter
11	132-0155	1	Ring, Retaining - External
12	132-0154	1	Spacer - Bearing
13	132-0153	1	Slinger
14	132-0152	1	*"O" Ring
15	132-0151	1	Cam & Wearplate Assembly
16	132-0150	1	Screw, Fillister Head
17	132-0149	1	*Gasket
	132-0148	1	Repair Package (Includes Parts Marked *)

* - Parts Included in 132-0148 Repair Package.

985-9340 (JUNE 1970)

WATER PUMP PARTS (131-0267)

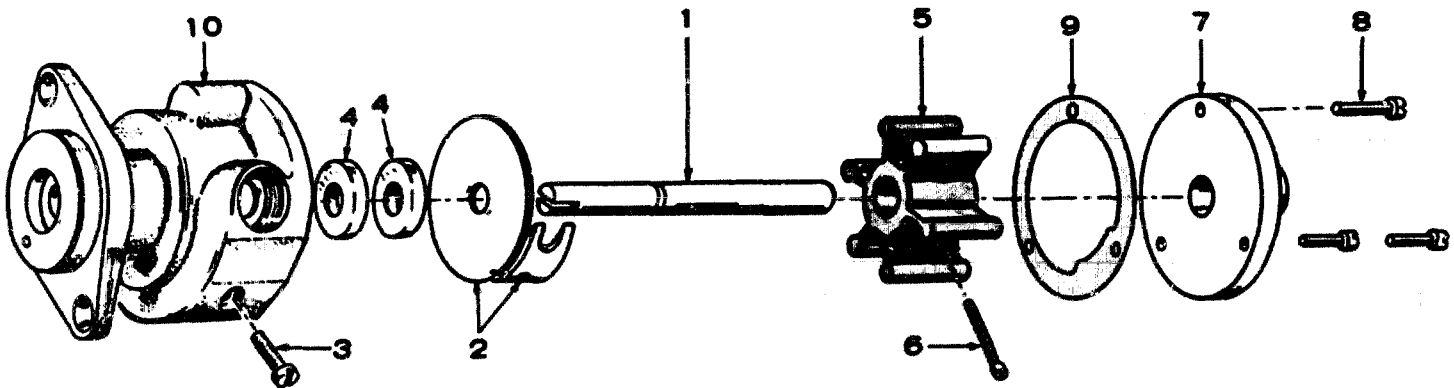


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	PUMP, WATER			5	131-0158	1	*Wear Plate, Rear
	131-0267	1	Pump, Water - Complete (Includes 131-0152 Water Pump Mounting Hardware and Mounting Gasket)	6	131-0159	1	*Cam
	131-0179	1	Kit, Repair (Includes Parts Marked *)	7	815-0283	4	Screw, H.H. Brass (1) *Cam (3) Cover
1		1	Body, Water Pump (Not Sold Separately)	8	131-0160	1	*Impeller
2	131-0154	1	Bearing & Shaft Assembly	9	131-0161	1	*Gasket, Cover
3	131-0157	1	*Seal Assembly	10	131-0162	1	*Cover, Pump
4	518-0221	1	*Retaining Ring	11	502-0080	2	Plug, Pipe (Square Head)

* - Contained in Repair Kit.

** - Sets with Heat Exchanger order 130-0627 line.

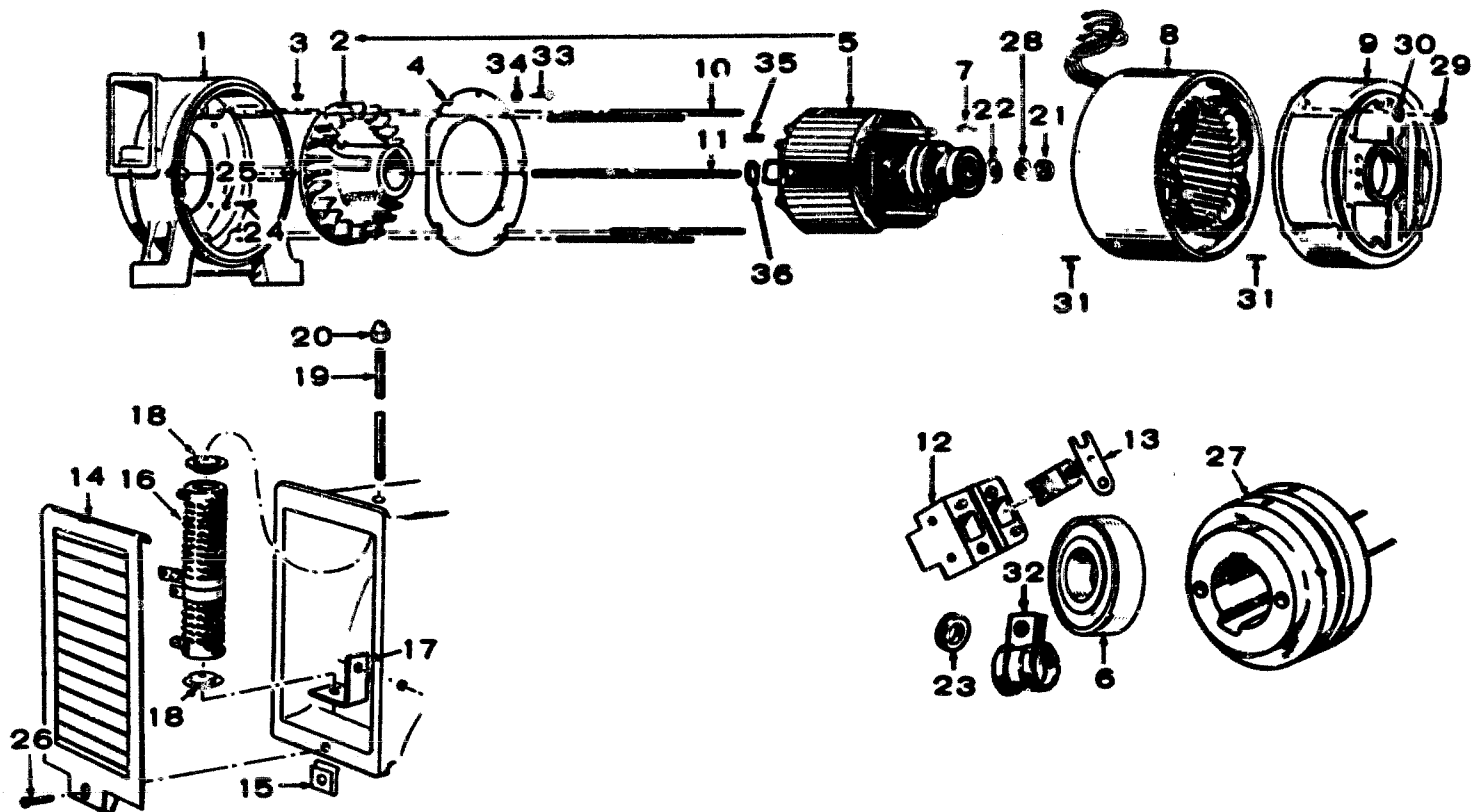
WATER PUMP PARTS (132-0059)



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	132-0069	1	Kit, Water Pump Service, (Includes Parts Marked *)	7	132-0066	1	Cover, Pump End
1	132-0060	1	Shaft	8	132-0062	3	Screw, End Cover
2	132-0061	1	Plate Assembly, Cam & Wear	9	132-0068	1	*Gasket, End Cover
4	132-0063	2	*Seal	10			Body (Not Sold Separately)
5	132-0064	1	*Impeller, Incl. Screw				
6	132-0065	1	*Screw, Impeller				

* - Contained in Repair Service Kit.

GENERATOR ALTERNATOR - SPEC A THROUGH S

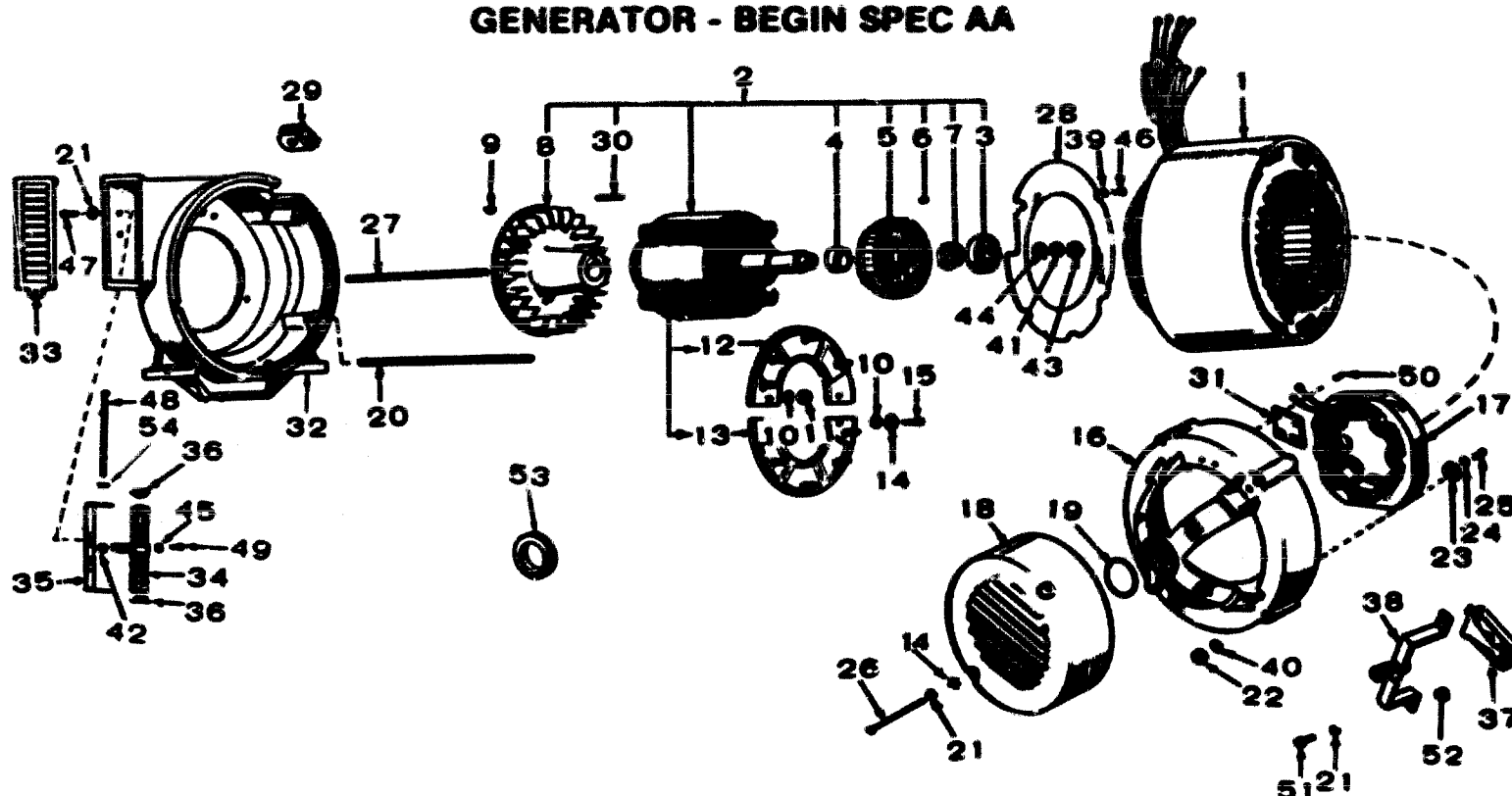


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	ADAPTER, ENGINE TO GENERATOR		
	231-0096	1	Spec A and B
	231-0112	1	Spec C through S
2	205-0064	1	Blower, Generator
3	515-0006	1	Key, Woodruff
4	234-0162	1	Baffle, Generator
5	ROTOR ASSEMBLY, WOUND (Includes Parts Marked *)		
	201-1121	1	Key 1
	201-1122	1	Key 2
6	510-0047	1	*Bearing, Rotor
7	232-0596	1	Clip, Bearing, Stop
8	STATOR ASSEMBLY, WOUND		
	220-0765	1	10.0MJC-53CR
	220-0594	1	10.0MJC-3CR
	220-0599	1	10.0MJC-4R
	220-0601	1	15.0MJC-3CR
	220-0595	1	15.0MJC-4R
9	211-0146	1	Bell, End - Alternator to Exciter
10	STUD, GENERATOR THROUGH		
	520-0638	4	Key 1
	520-0640	4	Key 2
11	STUD, ROTOR THROUGH		
	520-0613	1	Key 1
	520-0615	1	Key 2
12	212-1064	2	Block, Collector Ring Brush
13	214-0059	4	Brush, Collector Ring
14	234-0199	1	Cover, Air Outlet
15	870-0177	1	Clip, Air Outlet Cover
16	304-0500	1	Resistor, Tapped Adjustable
17	232-1565	1	Bracket, Resistor Mounting

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
18	304-0006	2	Washer, Resistor Centering
19	520-0620	1	Stud, Resistor Mounting
20	866-0001	1	Nut, Hex - Acorn (1/4-20)
21	870-0203	1	Nut, Hex - Hardened (7/16-20)
22	232-0200	1	Washer, Tapered - Rotor through Stud
23	GROMMET, RUBBER		
	508-0085	1	Air Baffle
	508-0112	1	Lead Out
24	SCREW, HEX CAP - ADAPTER MOUNTING		
	800-0050	2	3/8-16 x 1"
	800-0051	2	3/8-16 x 1-1/4"
25	850-0050	4	Washer, Lock - Spring (3/8")
26	812-0102	1	Screw, Round Head - Air Outlet Cover Mounting
27	204-0061	1	*Collector Ring
28	850-0055	1	Washer, Lock - Spring (7/16")
29	862-0015	4	Nut, Hex (5/16-18) - Generator Through Stud
30	850-0045	4	Washer, Lock - Spring (5/16")
31	516-0083	2	Pin, Roll (3/16" x 5/8") - Alignment
32	332-0050	1	Clip, Tinnerman
33	813-0098	5	Screw, Machine - Round Head (10-32 x 3/8")
34	850-0030	5	Washer, Lock - Spring (#10)
35	515-0103	1	*Key, Square
36	518-0015	1	*Ring, Retaining

* - Parts Included in Rotor Assembly.

GENERATOR - BEGIN SPEC AA



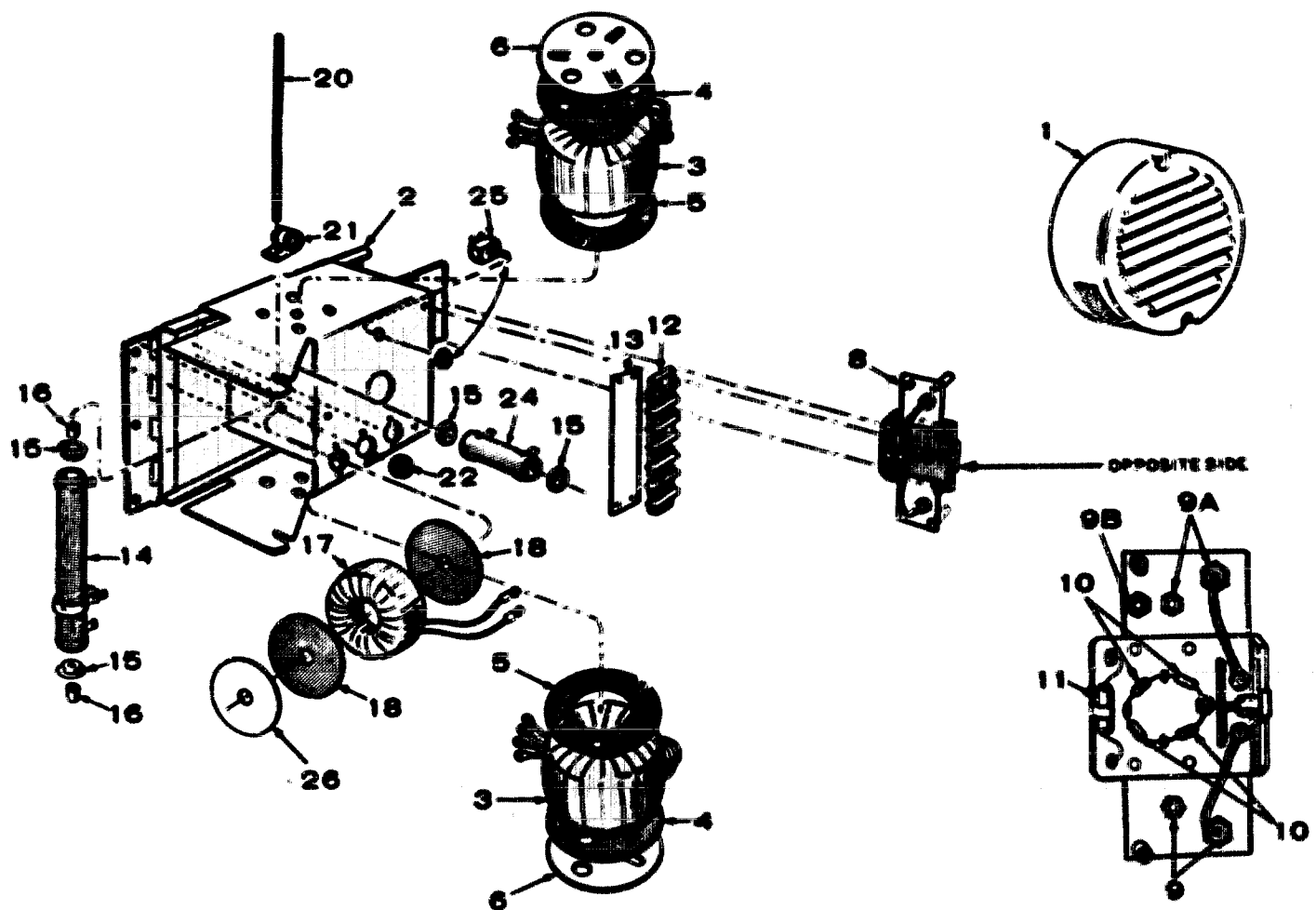
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	STATOR ASSEMBLY, WOUND		
	220-2016	1	10.0MJC-3CR
	220-2018	1	15.0MJC-3CR
2	ROTOR ASSEMBLY, WOUND (Includes Parts Marked +)		
	201-2156	1	Key 1
	201-2158	1	Key 2
3	510-0112	1	+Bearing, Rotor
4	232-2398	1	+Spacer, Bearing
5	201-2151	1	+Rotor, Wound - Exciter
6	515-0094	1	+Key, Exciter Rotor
7	870-0284	1	+Nut, Self-locking (1-1/8-12)
8	205-0105	1	+Fan, Generator
9	515-0103	1	Key, Fan
10	526-0008	12	+Washer, Flat (#10)
11	870-0131	8	+Nut, Hex (#10-32)
12	358-0069	1	+Rectifier Assembly (Positive)
13	358-0070	1	+Rectifier Assembly (Negative)
14	853-0008	4	+Washer, Lock - External/Internal Tooth (#10)
15	813-0100	4	+Screw, Machine - Round Head (#10-32 x 1/2")
16	211-0237	1	Bell, End
17	220-2009	1	Stator, Wound - Exciter
18	COVER, END BELL		
	234-0185	1	Standard Units
	234-0498	1	Units with Overspeed Switch
19	509-0094	1	Seal, Bearing ("O" Ring)
20	STUD, GENERATOR THROUGH		
	520-0796	4	Key 1
	520-0798	4	Key 2
21	850-0040	6	Washer, Lock - Spring (1/4")
22	862-0011	4	Nut, Hex (3/8-18)
23	526-0280	2	Washer, Flat (9/32" ID x 1-1/4" OD x 0.1345")
24	853-0013	2	Washer, Lock - External/Internal Tooth (1/4")
25	800-0004	2	Screw, Cap - Hex Head (1/4-20 x 5/8")
26	SCREW, MACHINE - ROUND HEAD		
	812-0165	2	Standard Units (1/4-20 x 4-1/2")
	812-0167	2	Units with Overspeed Switch (1/4-20 x 6")

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
27	STUD, ROTOR THROUGH		
	520-0788	1	Key 1
	520-0790	1	Key 2
28	234-0462	1	Baffle, Air
29	508-0112	1	Grommet, Rubber
30	515-0006	1	+Key, Square
31	232-2418	1	Board, Connection
32	231-0171	1	Adapter, Generator
33	234-0482	1	Cover, Air Outlet
34	304-0500	1	Resistor, Tapped (Adjustable)
35	232-2399	1	Bracket, Resistor Mounting
36	304-0006	2	Washer, Centering - Resistor Mounting
37	150-0956	1	Switch Assembly, Overspeed - Optional
38	150-1446	1	Bracket and Point Assembly, Overspeed - Optional
39	850-0030	4	Washer, Lock - Spring (#10)
40	850-0050	4	Washer, Lock - Spring (3/8")
41	850-0055	1	Washer, Lock - Spring (7/16")
42	871-0010	1	Nut, Hex - Brass (#10-32)
43	870-0203	1	Nut, Hex - Hardened (7/16-20)
44	232-0200	1	Washer, Flat
45	856-0003	1	Washer, Lock - EIT (#10)
46	813-0098	4	Screw, Machine - Round Head (#10-32 x 3/8")
47	812-0004	2	Screw, Machine - Round Head (2-56 x 5/16")
48	812-0169	1	Screw, Machine - Round Head (1/4-20 x 5-1/2")
49	811-0098	1	Screw, Machine - Round Head, Brass (#10-32 x 3/8")
50	815-0184	2	Screw, Tapping - Hex Head with External Tooth Lock-washer (#10-32 x 3/8")
51	800-0003	2	Screw, Cap - Hex Head (1/4-20 x 1/2")
52	868-0004	2	Nut, Hex (1/4-20)
53	508-0095	1	Grommet, Rubber
54	850-0013	1	Washer, Lock - Spring (#4)

+ - Parts Included in Rotor Assembly.

988-0-12 (JUNE 1979)

GENERATOR EXCITER SPEC A 1 THROUGH 5



GENERATOR EXCITER SPEC A THROUGH S

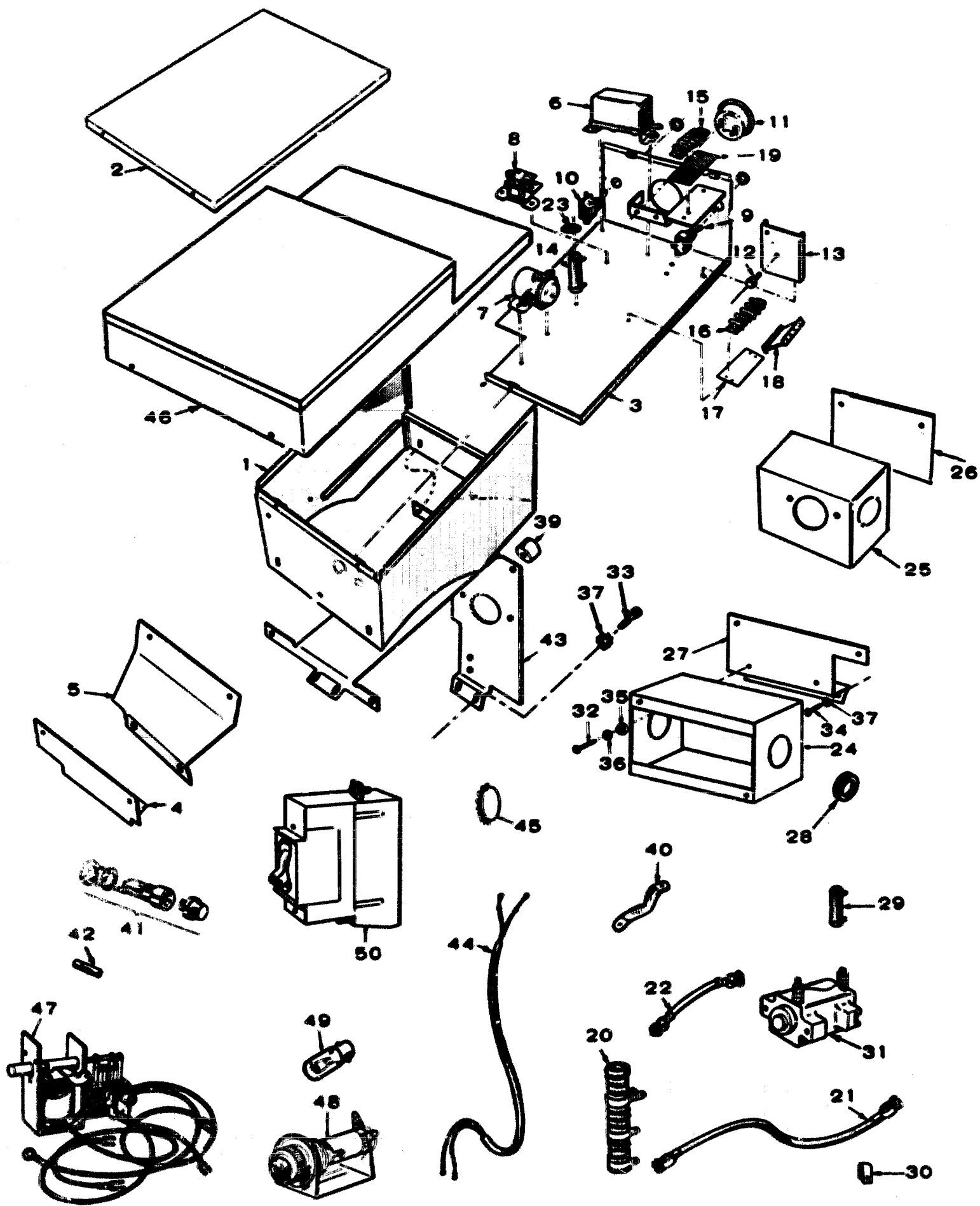
NOTE: All 8.0MJC and 12.0MJC sets used 06SX51N1B Spec A through D and 06SX51N3B begin Spec E (except 8.0MJC-55DR and 12.0MJC-55DR used 06SX51N1B). 10.0MJC and 15.0MJC sets used 06SX1N1B Spec A through D and 06SX1N3B begin Spec E (except 10.0MJC-5DR and 15.0MJC-5DR used 06SX1N1B).

Check your set nameplate for correct magneciter number. Select the correct Part Number column that applies to your set.

REF. NO.	QTY. USED	PART DESCRIPTION	PART NUMBER			
			06SX1N1B	06SX1N3B	06SX51N1B	06SX51N3B
	1	Exciter Complete (Less Cover)	209-0008	209-0010	209-0012	209-0013
1	1	Cover, Exciter	234-0185	234-0185	234-0185	234-0185
2	1	Panel Only, Exciter	234-0188	234-0188	234-0188	234-0188
3	2	Reactor, Gate	315-0102	315-0102	315-0104	315-0104
4	2	Gasket, Gate Reactor Mounting, Outer	232-1553	232-1553	232-1553	232-1553
5	2	Gasket, Gate Reactor Mounting, Inner	232-1551	232-1551	232-1551	232-1551
6	2	Retainer, Gate Reactor	232-1552	232-1552	232-1552	232-1552
8	1	Rectifier Assembly, Resistor & Complete	305-0264	305-0388	305-0264	305-0388
9	2	Rectifier Only, Power Field, Negative	305-0238	*305-0238	305-0238	*305-0238
9	2	Rectifier Only, Power Field, Positive	305-0239	305-0239	305-0239	305-0239
9B	1	Rectifier, Field Flash		305-0239		305-0239
10	4	Rectifier, Voltage Control	305-0240	305-0240	305-0240	305-0240
11	1	Resistor, Incl. in Rectifier Assy. (150-Ohm, 5W)	304-0512	304-0512	304-0512	304-0511
12	1	Block, Terminal	332-0745	332-0745	332-0745	332-0745
13	1	Strip, Block Marker	332-0746	332-0925	332-0746	332-0925
14	1	Resistor, Tapped, 500-Ohm (425 Fixed, 75 Adj.)	304-0527	304-0527	304-0527	304-0527
15	4	Washer, Resistor Centering	304-0015	304-0015	304-0015	304-0015
16	2	Spacer, Resistor Mounting	232-1474	232-1474	232-1474	232-1474
17	1	Reactor, Voltage Control	315-0100	315-0100	315-0105	315-0105
18	2	Gasket, Voltage Control Reactor	232-1548	232-1548	232-1548	232-1548
20	1	Stud (or Screw), Tapped Resistor Mounting	520-0641	520-0641	520-0641	520-0641
21	1	Clip, Tinnerman	332-0050	332-0050	332-0050	332-0050
22	1	Grommet, Rubber, For 7/8" Hole	508-0008	508-0008	508-0008	508-0008
24	1	Resistor, Fixed (250-Ohm, 25-Watt)	304-0510	304-0510	304-0510	304-0510
25	1	Switch, Residual Reset	308-0175		308-0175	
26	1	Washer, Retainer, Voltage Control Reactor	526-0173	526-0173	526-0173	526-0173

* LATER MODELS USE QUANTITY OF 3

CONTROL

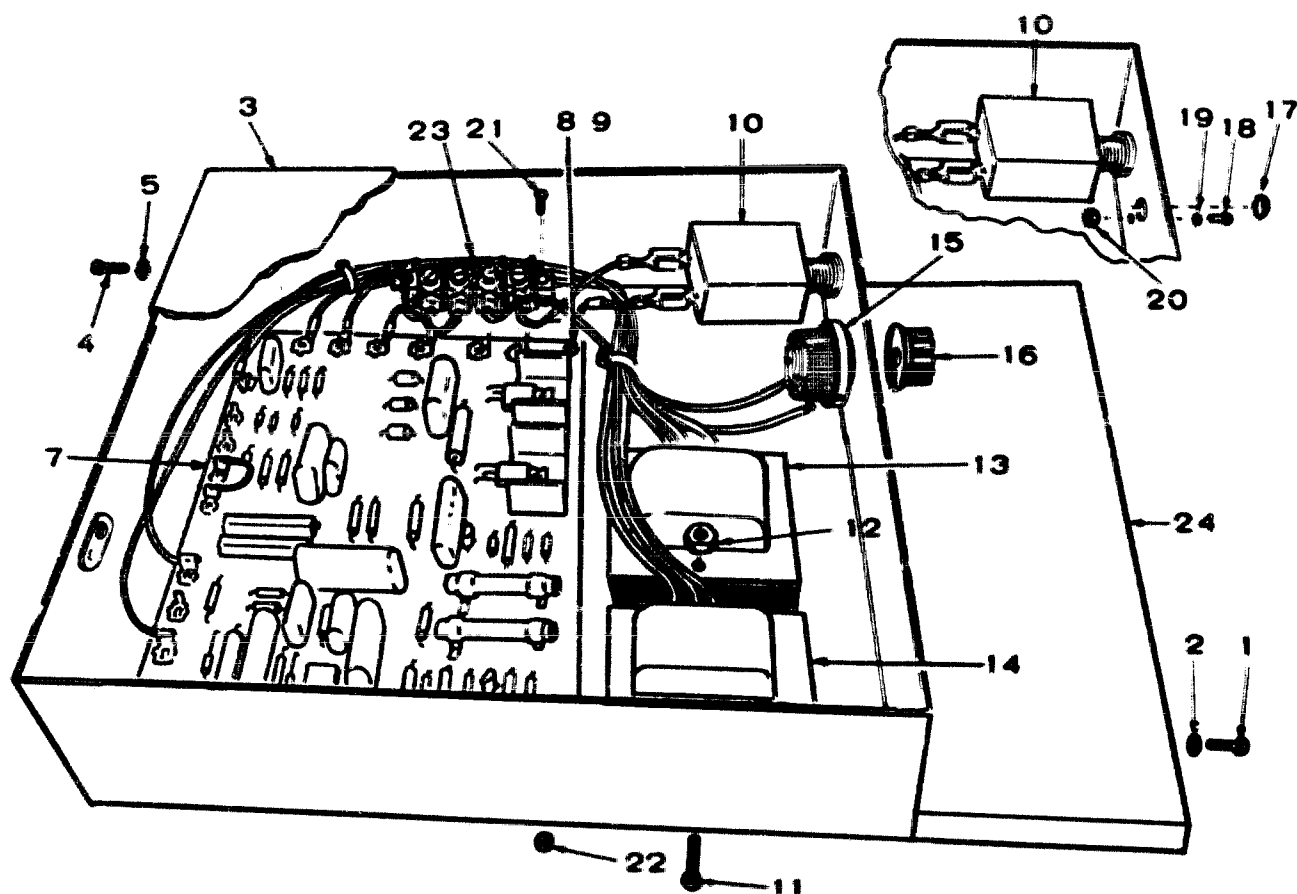


CONTROL

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	301-1962	1	Box, Control
2	301-1963	1	Cover, Control - Spec A through S
3	PANEL, CONTROL BOX		
	301-1961	1	Standard
	301-2376	1	Optional - Units with Overspeed Indicator Lamps
4	BRACKET, CONTROL BOX MOUNTING (L.H.)		
	301-1979	1	Spec A through C
	301-1965	1	Spec D through S
5	301-1964	1	Bracket, Control Box Mounting (R.H.) - Spec A through S
6	307-0597	1	Relay, Ignition Start - Spec A through S
7	SOLENOID, START		
	307-1046	1	Spec A through S
	307-0845	1	Begin Spec AA
8	307-0623	1	Relay, Ignition
9	308-0154	1	Switch, Start-Stop
10	308-0002	1	Switch, Selector (Manual or Electric Start)
11	302-0446	1	Ammeter, Charge (5-0-5)
12	305-0235	1	Rectifier, 10 Amp, 100 Volt Peak
13	305-0254	1	Bracket, Rectifier
14	304-0032	1	Resistor, Fixed (15-Ohm, 10 Watt)
15	332-0537	1	Block, Terminal, 4-Place
16	332-0706	1	Block, Terminal (8 Place) - Load
17	332-0739	1	Strip, Marker (4,5,6,7,8,9)
18	332-0750	1	Marker Strip & Holder Kit, Polarity - Spec A through C
19	332-0566	1	Strip, Block Marker (B+,1,2,3)
20	304-0500	1	Resistor, Tapped Adjustable (Mounts in Generator Air Outlet)
21	416-0021	2	Cable, Battery
22	416-0133	1	Cable, Battery Jumper
23	304-0006	2	Washer, Resistor Centering
24	BOX, OUTPUT		
	301-1978	1	Spec A through C
	301-2467	1	Spec D through AA
25	301-4672	1	Box, Output - Begin Spec AB
26	COVER, OUTPUT BOX		
	301-0856	1	Spec A through C
	201-2466	1	Spec D through AA
	301-0856	1	Begin Spec AB
27	301-2469	1	Bracket, Output Box - Spec D through S

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
28	GROMMET, RUBBER		
	508-0009	1	For 1-5/16" Hole
	508-0117	1	For 3/8" Hole
	508-0183	1	For 1-3/4" Hole
29	304-0217	1	Resistor, Fixed (1-Ohm, 10 Watt) Begin Spec C (Also sets to Spec C with Low Oil Pressure Cut-off Switch)
30	416-0096	2	Clip, Harness Support
31	320-0104	1	Switch, Emergency - Begin Spec D (Also Sets with Low Oil Pressure Cut-off Switch)
32	800-0003	2	Screw, Cap - Hex Head (1/4-20 x 1/2")
33	815-0236	4	Screw, Cap - Hex Head (5/16-18 x 5/8")
34	815-0236	2	Screw, Cap - Hex Head (5/16-18 x 5/8")
35	526-0018	2	Washer, Flat (17/64" ID x 5/8" OD x 1/16")
36	850-0040	2	Washer, Lock - Spring (1/4")
37	856-0008	6	Washer, Lock - EIT (5/16")
39	402-0070	4	Mount, Rubber - Control Box
40	337-0036	1	Strip, Ground - Control Box to Generator
41	321-0175	1	Holder, Fuse - Begin Spec AB
42	321-0146	1	Fuse, 10 Amp
43	SADDLE, CONTROL BOX MOUNTING		
	301-3683	1	Spec AA
	301-4851	1	Begin Spec AB
44	338-0744	1	Harness, Wiring - Voltage Regulator to Exciter Stator - Begin Spec AA
45	PLUG, DOT BUTTON - BEGINSPEC AA		
	517-0045	1	For 9/32" Hole
	517-0019	2	For 1/2" Hole
46	REGULATOR, VOLTAGE - BEGINSPEC AA (See Separate Group for Components)		
	305-0589	1	Non-Adjustable
	305-0590	1	Adjustable
47	307-1129	1	Relay, Overspeed - Optional
48	322-0069	2	Holder, Indicator Lamps - Optional
49	322-0004	2	Lamp, Indicator (Low Oil Pressure and Overspeed Optional)
50	BREAKER, CIRCUIT (AC OUTPUT) - BEGIN SPEC AB		
	320-0634	1	10 kW Sets - Key 1
	320-0631	1	15 kW Sets - Key 2

VOLTAGE REGULATOR - BEGIN SPEC AA



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
REGULATOR, VOLTAGE			
	305-0589	1	Non-Adjustable (Includes Parts Marked *)
	305-0590	1	Adjustable (Includes Parts Marked †) - Optional
1	815-0263	4	Screw, Machine - Hex Head, Slotted (#10-32 x 3/8")
2	850-0030	4	Washer, Lock - Spring (#10)
3	301-3714	1	Cover, Voltage Regulator
4	815-0263	4	Screw, Machine - Hex Head, Slotted (#10-32 x 3/8")
5	850-0030	4	Washer, Lock - Spring (#10)
7 †	BOARD, VOLTAGE REGULATOR (See Separate Group for Components)		
	300-1006	1	Prior to Serial #F760142042 During Spec AA
	300-1404	1	Begin Serial #F760142042 During Spec AA
	300-1540	1	§Begin Spec AC
8	815-0190	4	*†Screw, Tapping - Round Head (#8-32 x 3/8")
9	853-0005	4	*†Washer, Lock - External Tooth (#8)
10	320-0505	1	*†Circuit Breaker (CB21)

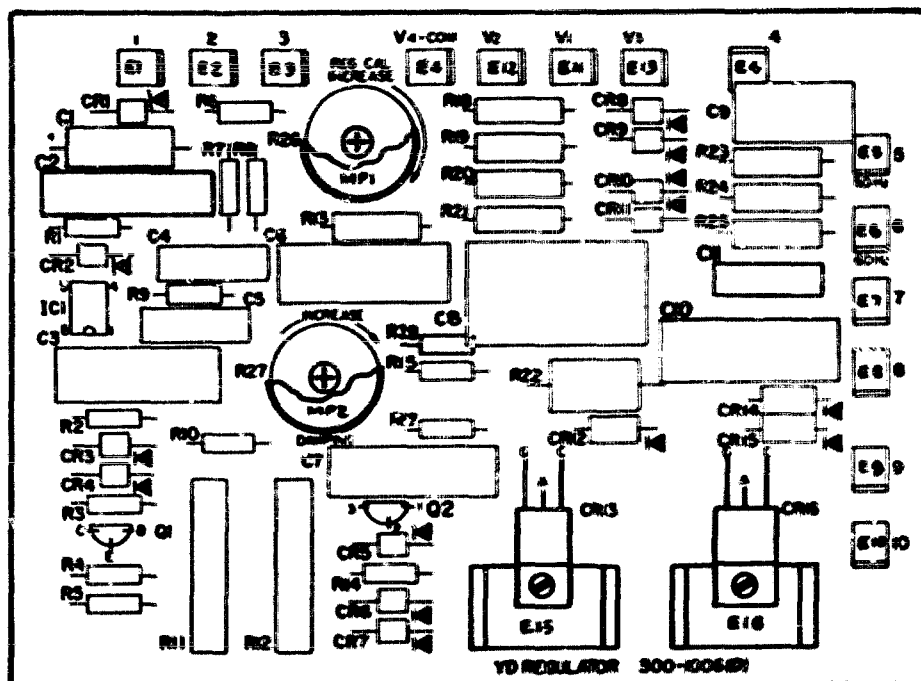
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
11	812-0070	4	*†Screw, Machine - Round Head (#6-32 x 1-1/4")
12	870-0183	4	*†Nut, Hex (#6-32)
13	315-0391	1	*†Reactor (CMR21)
14	315-0386	1	*†Transformer, Voltage (T21)
15	303-0103	1	*†Rheostat (R21)
16	303-0194	1	*†Knob
17	517-0045	1	*†Plug, Dot Button
18	812-0027	1	*Screw, Machine - Round Head (#4-40 x 1/4")
19	853-0001	1	*Washer, Lock - External Tooth
20	860-0003	1	*Nut, Hex (#4-40)
21	812-0063	2	*†Screw, Machine - Round Head (#6-32 x 1/2")
22	870-0183	2	*†Nut, Hex with External Tooth Lockwasher (#6-32)
23	332-1647	1	*†Terminal Strip (TB21)
24	301-3713	1	*†Panel, Mounting

* - Parts included in 305-0589 Non-Adjustable Voltage Regulator Board.

† - Parts included in 305-0590 Adjustable Voltage Regulator Board.

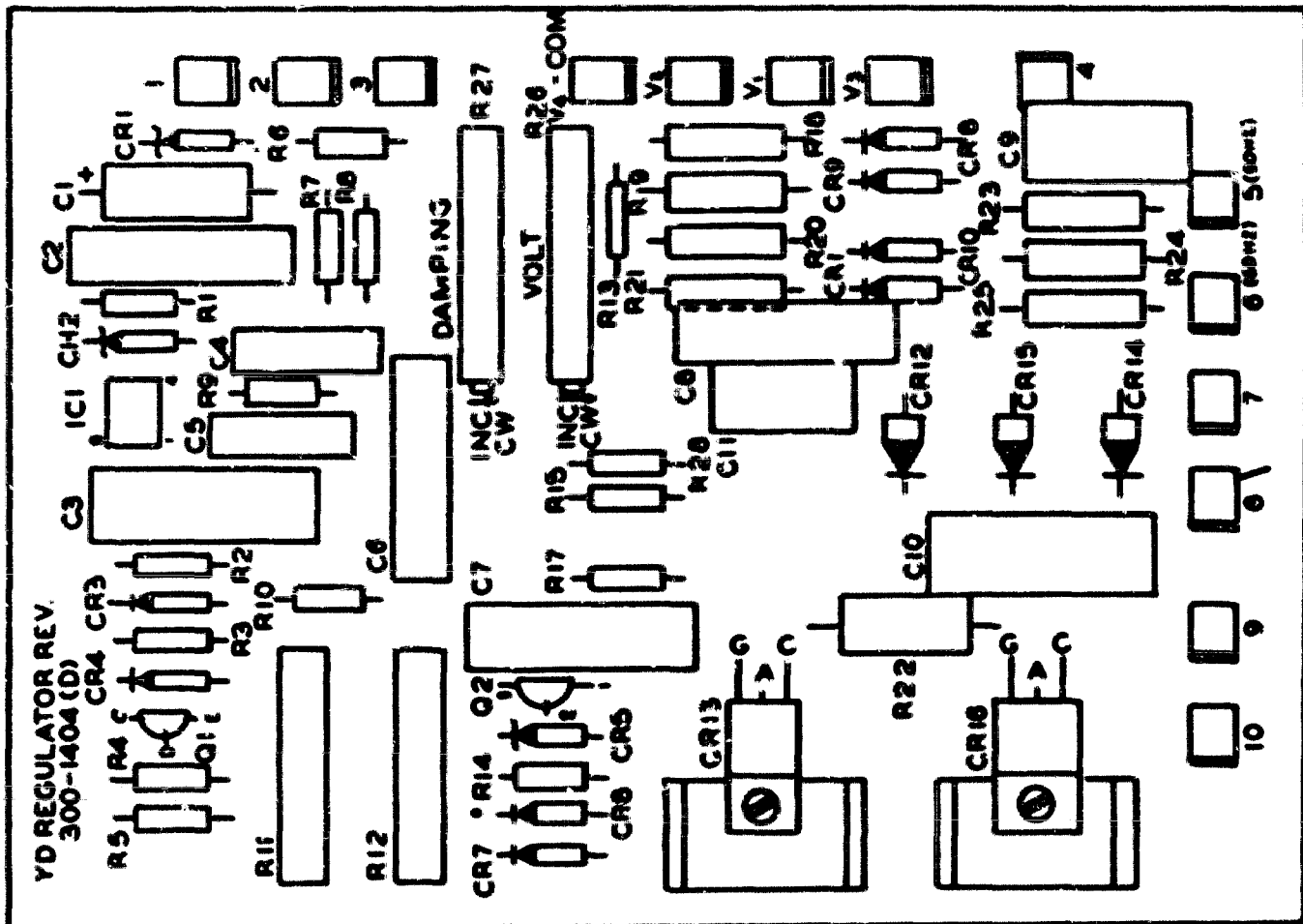
§ - Complete Replacement for 300-1404 and 300-1006 Regulator Board.

**VOLTAGE REGULATOR BOARD
SPEC AA THROUGH SERIAL NUMBER
F760142C41 DURING SPEC AA)**



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	300-1006	1	Regulator Board, Complete (For Complete Board Replacement Order 300-1540)	R4	350-0398	1	Resistor (3,000-Ohm, 1/2 Watt)
C1	356-0039	1	Capacitor, Electrolytic (100 Mfd, 10 Volt)	R5	350-0485	1	Resistor (2 Megohm, 1/2 Watt)
C2,6	355-0006	2	Capacitor (.47 Mfd, 200 Volt)	R6	351-0202	1	Resistor, Film (1,240-Ohm, 1/4 Watt)
C3,7	355-0005	2	Capacitor (.22 Mfd, 200 Volt)	R7	350-0445	1	Resistor (270,000-Ohm, 1/2 Watt)
C4,5,11	355-0015	3	Capacitor (.1 Mfd, 200 Volt)	R8,10	350-0435	2	Resistor (100,000-Ohm, 1/4 Watt)
C8	355-0016	1	Capacitor (1 Mfd, 100 Volt)	R9	350-0459	1	Resistor (1 Megohm, 1/2 Watt)
C9	355-0031	1	Capacitor (.39 Mfd, 100 Volt)	R11,12	353-0048	2	Resistor, Wire Wound (4,000-Ohm, 5 Watt)
C10	355-0017	1	Capacitor (.47 Mfd, 400 Volt)	R13	351-0293	1	Resistor, Film (11,000-Ohm, 1/4 Watt)
CR1	359-0036	1	Diode, Zener (5.6 Volt)	R14	350-0363	1	Resistor (100-Ohm, 1/2 Watt)
CR2	359-0025	1	Diode, Zener (20 Volt)	R15,17	350-0351	2	Resistor (33-Ohm, 1/2 Watt)
CR3,4,6,11	357-0004	8	Rectifier, Diode (400 Milliamp, 400 Volt)	R18	351-0332	1	Resistor, Film (28,000-Ohm, 1/4 Watt)
CR5	359-0028	1	Diode, Zener (18 Volt)	R19	351-0240	1	Resistor, Film (3,090-Ohm, 1/4 Watt)
CR12,14,15	357-0028	3	Rectifier, Diode	R20	351-0211	1	Resistor, Film (1,530-Ohm, 1/4 Watt)
CR13,16	365-0002	2	Rectifier, Gate Control	R21	351-0234	1	Resistor, Film (2,670-Ohm, 1/4 Watt)
E1-14	332-1511	14	Terminal, Lug	R22	350-0973	1	Resistor, Film (270-Ohm, 2 Watt)
E15-16	363-0069	2	Heatsink, Diode	R23	350-0512	1	Resistor (10-Ohm, 1/2 Watt)
H1	812-0029	2	Screw, Round Head (4-40 x 3/8")	R24	351-0353	1	Resistor, Film (46,400-Ohm, 1/4 Watt)
H2	526-0257	2	Washer, Flat (#4)	R25	351-0349	1	Resistor, Film (42,200-Ohm, 1/4 Watt)
H3	860-0003	2	Nut, Hex (4-40)	R26	303-0168	1	Potentiometer (5,000-Ohm)
IC1	367-0005	1	Integrated Circuit	R27	303-0164	1	Potentiometer (8,000-Ohm)
MP1-2	517-0127	2	Cover, Potentiometer	R28	350-0355	1	Resistor (47-Ohm, 1/2 Watt)
O1	362-0017	1	Transistor (NPN)				
O2	361-0003	1	Transistor, Unijunction				
R1	350-0423	1	Resistor (33,000-Ohm, 1/2 Watt)				
R2	350-0443	1	Resistor (220,000-Ohm, 1/2 Watt)				
R3	350-0447	1	Resistor (330,000-Ohm, 1/2 Watt)				

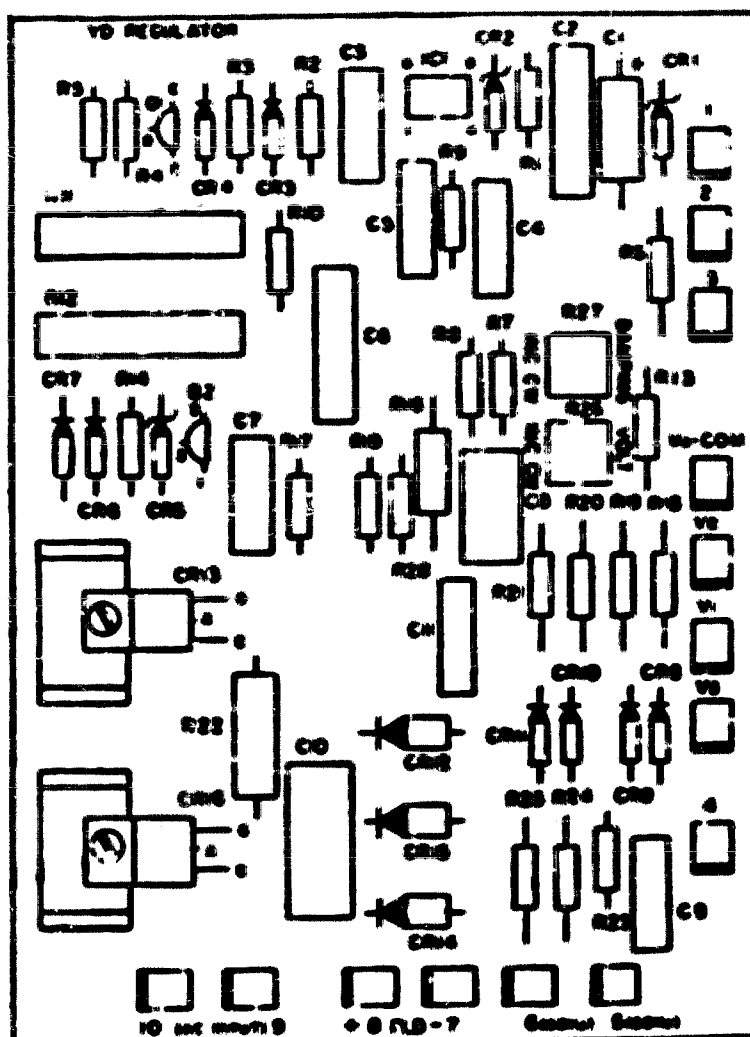
**VOLTAGE REGULATOR BOARD
(BEGIN SERIAL NUMBER
F760142042 DURING SPEC AA)**



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	300-1404	1	Regulator Board, Complete (For Complete Board Replacement Order 300-1540)	R4	350-0388	1	Resistor (3,000-Ohm, 1/2 Watt)
C1	356-0039	1	Capacitor, Electrolytic (100 Mfd. 10 Volt)	R5	350-0486	1	Resistor (2 Megohm, 1/2 Watt)
C2,6	355-0008	2	Capacitor (.47 Mfd. 200 Volt)	R6	351-0202	1	Resistor, Film (1,240-Ohm, 1/4 Watt)
C3,7	355-0005	2	Capacitor (.22 Mfd. 200 Volt)	R7	350-0445	1	Resistor (270,000-Ohm, 1/2 Watt)
C4,5,11	355-0015	3	Capacitor (1 Mfd. 200 Volt)	R8,10	350-0435	2	Resistor (100,000-Ohm, 1/4 Watt)
C8	355-0016	1	Capacitor (1 Mfd. 100 Volt)	R9	350-0459	1	Resistor (1 Megohm, 1/2 Watt)
C9	355-0031	1	Capacitor (.39 Mfd. 100 Volt)	R11,12	353-0048	2	Resistor, Wire Wound (4,000-Ohm, 5 Watt)
C10	355-0017	1	Capacitor (.47 Mfd. 400 Volt)	R13	351-0293	1	Resistor, Film (11,000-Ohm, 1/4 Watt)
CR1	359-0036	1	Diode, Zener (5.6 Volt)	R14	350-0363	1	Resistor (100-Ohm, 1/2 Watt)
CR2	359-0025	1	Diode, Zener (20 Volt)	R15,17	350-0351	2	Resistor (33-Ohm, 1/2 Watt)
CR3,4,6,11	357-0004	8	Rectifier, Diode (400 Milliamp, 400 Volt)	R18	351-0332	1	Resistor, Film (28,000-Ohm, 1/4 Watt)
CR5	359-0026	1	Diode, Zener (18 Volt)	R19	351-0240	1	Resistor, Film (3,090-Ohm, 1/4 Watt)
CR12,14,15	357-0028	3	Rectifier, Diode	R20	351-0211	1	Resistor, Film (1,530-Ohm, 1/4 Watt)
CR13,16	365-0002	2	Rectifier, Gate Control	R21	351-0234	1	Resistor, Film (2,670-Ohm, 1/4 Watt)
E1-14	332-1511	14	Terminal, Lug	R22	350-0973	1	Resistor, Film (270-Ohm, 2 Watt)
E15-16	363-0069	2	Heatsink, Diode	R23	350-0512	1	Resistor (10-Ohm, 1/2 Watt)
H1	812-0029	2	Screw, Round Head (4-40 x 3/8")	R24	351-0353	1	Resistor, Film (46,400-Ohm, 1/4 Watt)
H2	526-0257	2	Washer, Flat (#4)	R25	351-0349	1	Resistor, Film (42,200-Ohm, 1/4 Watt)
H3	860-0003	2	Nut, Hex (4-40)	R26	303-0208	1	Potentiometer (20,000-Ohm)
IC1	367-0005	1	Integrated Circuit	R27	303-0207	1	Potentiometer (5,000-Ohm)
MP1-2	517-0127	2	Cover, Potentiometer	R28	350-0355	1	Resistor (47-Ohm, 1/2 Watt)
Q1	362-0017	1	Transistor, NPN				
Q2	361-0003	1	Transistor, Unijunction				
R1	350-0423	1	Resistor (33,000-Ohm, 1/2 Watt)				
R2	350-0443	1	Resistor (220,000-Ohm, 1/2 Watt)				
R3	350-0447	1	Resistor (330,000-Ohm, 1/2 Watt)				

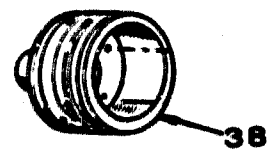
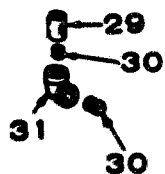
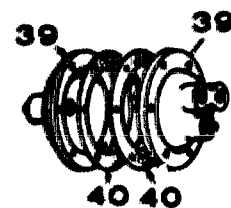
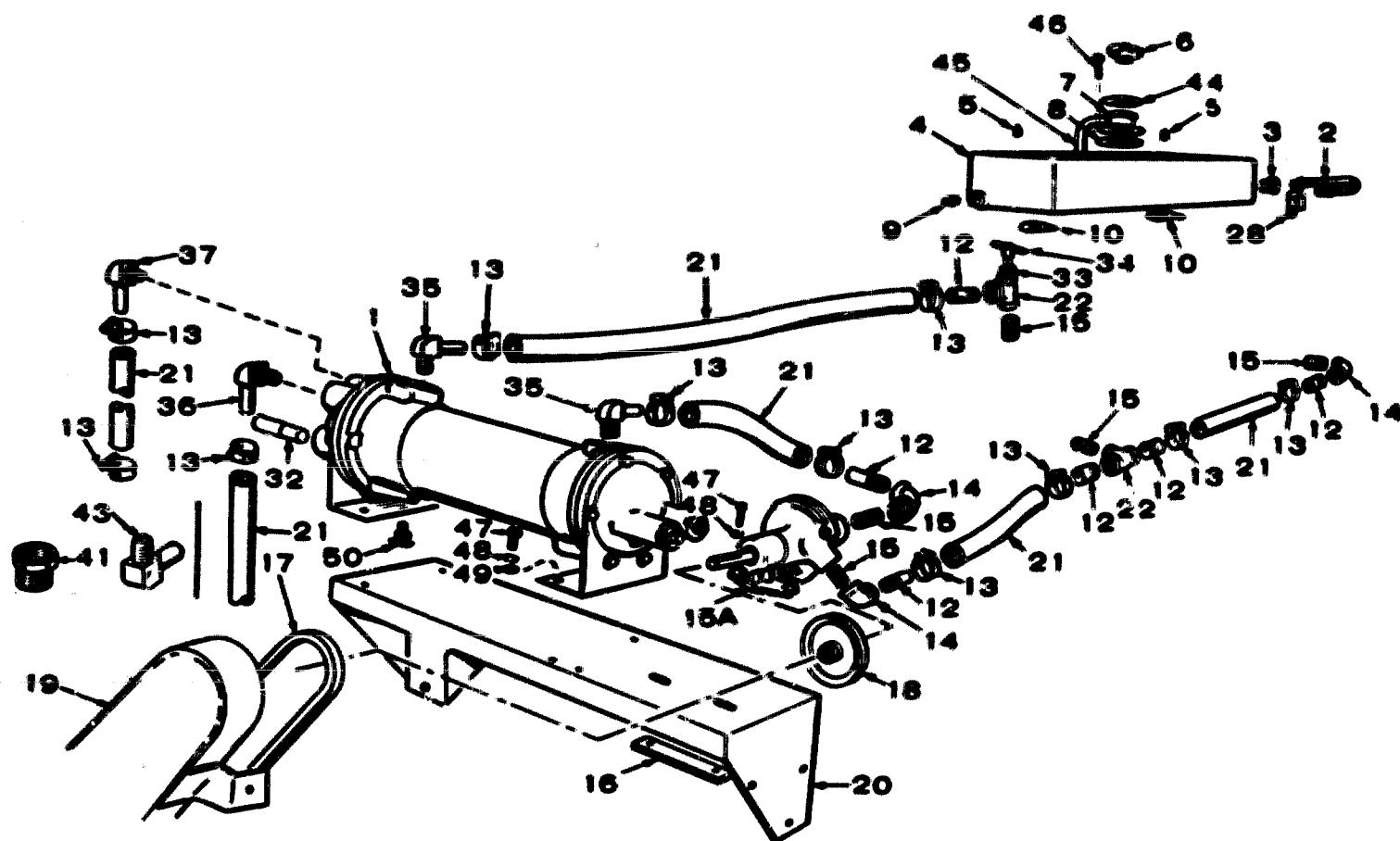
888-8348 (JUNE 1979)

VOLTAGE REGULATOR BOARD - BEGIN SPEC AC



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	300-1540	1	Regulator Board Assembly - Complete	R11,12	253-0048	2	Resistor (4,000-Ohm, 5 Watt)
C1	355-0039	1	Capacitor (100 Mfd, 10 Volt)	R13	351-0283	1	Resistor (11,000-Ohm, 1/4 Watt)
C2,C6	355-0044	2	Capacitor (.47 Mfd, 250 VDC)	R14	350-0363	1	Resistor (100-Ohm, 1/2 Watt)
C3,C7	355-0043	2	Capacitor (.22 Mfd, 250 VDC)	R15,17	350-0351	2	Resistor (33-Ohm, 1/2 Watt)
C4,5,11	355-0045	3	Capacitor (.1 Mfd, 250 VDC)	R16	350-0851	1	Resistor (18,000-Ohm, 1 Watt)
C8	355-0046	1	Capacitor (1 Mfd, 250 VDC)	R18	351-0332	1	Resistor (28,000-Ohm, 1/4 Watt)
C9	355-0051	1	Capacitor (.39 Mfd, 250 VDC)	R19	351-0240	1	Resistor (3,080-Ohm, 1/4 Watt)
C10	355-0047	1	Capacitor (.47 Mfd, 400 VDC)	R20	351-0211	1	Resistor (1,530-Ohm, 1/4 Watt)
CR1	359-0036	1	Diode - Zener (5-6 V)	R21	351-0234	1	Resistor (2,670-Ohm, 1/4 Watt)
CR2	359-0025	1	Diode - Zener (20 V)	R22	350-0973	1	Resistor (270-Ohm, 2 Watt)
CR3,4,5-11	357-0004	8	Rectifier, Diode (1 Amp, 400 Volt)	R23	350-0512	1	Resistor (10-Ohm, 1/2 Watt)
CR5	359-0026	1	Diode, Zener (18 V)	R24	351-0353	1	Resistor (46,400-Ohm, 1/4 Watt)
CR12,14,15	357-0028	3	Rectifier, Diode	R25	351-0349	1	Resistor (42,200-Ohm, 1/4 Watt)
CR13,16	365-0002	2	Rectifier, Gate Control	R26	303-0210	1	Potentiometer (5,000-Ohm)
Q2	361-0003	1	Transistor, Unijunction	R27	303-0211	1	Potentiometer (100,000-Ohm)
R1	350-0423	1	Resistor (33,000-Ohm, 1/2 Watt)	R28	350-0355	1	Resistor (47-Ohm, 1/2 Watt)
R2	350-0443	1	Resistor (220,000-Ohm, 1/2 Watt)	O1	363-0089	2	Sink, Heat
R3	350-0447	1	Resistor (330,000-Ohm, 1/2 Watt)	IC1	362-0017	1	Transistor (NPN)
R4	350-0398	1	Resistor (3,000-Ohm, 1/2 Watt)		367-0005	1	Integrated Circuit
R5	350-0466	1	Resistor (2,500,000-Ohm, 1/2 Watt)		332-1511	14	Terminals
R6	351-0202	1	Resistor (1,240-Ohm, 1/4 Watt)		812-0029	2	Screw, Machine - Round Head
R7	350-0445	1	Resistor (270,000-Ohm, 1/2 Watt)		526-0257	2	Washer, Flat (.125" ID x
R8,10	350-0435	2	Resistor (100,000-Ohm, 1/4 Watt)		860-0003	2	5/16" OD x 1/32" Thk)
R9	350-0459	1	Resistor (1,000,000-Ohm, 1/2 Watt)				Nut, Hex (#4-40)

HEAT EXCHANGER, SPEC A THROUGH S - OPTIONAL

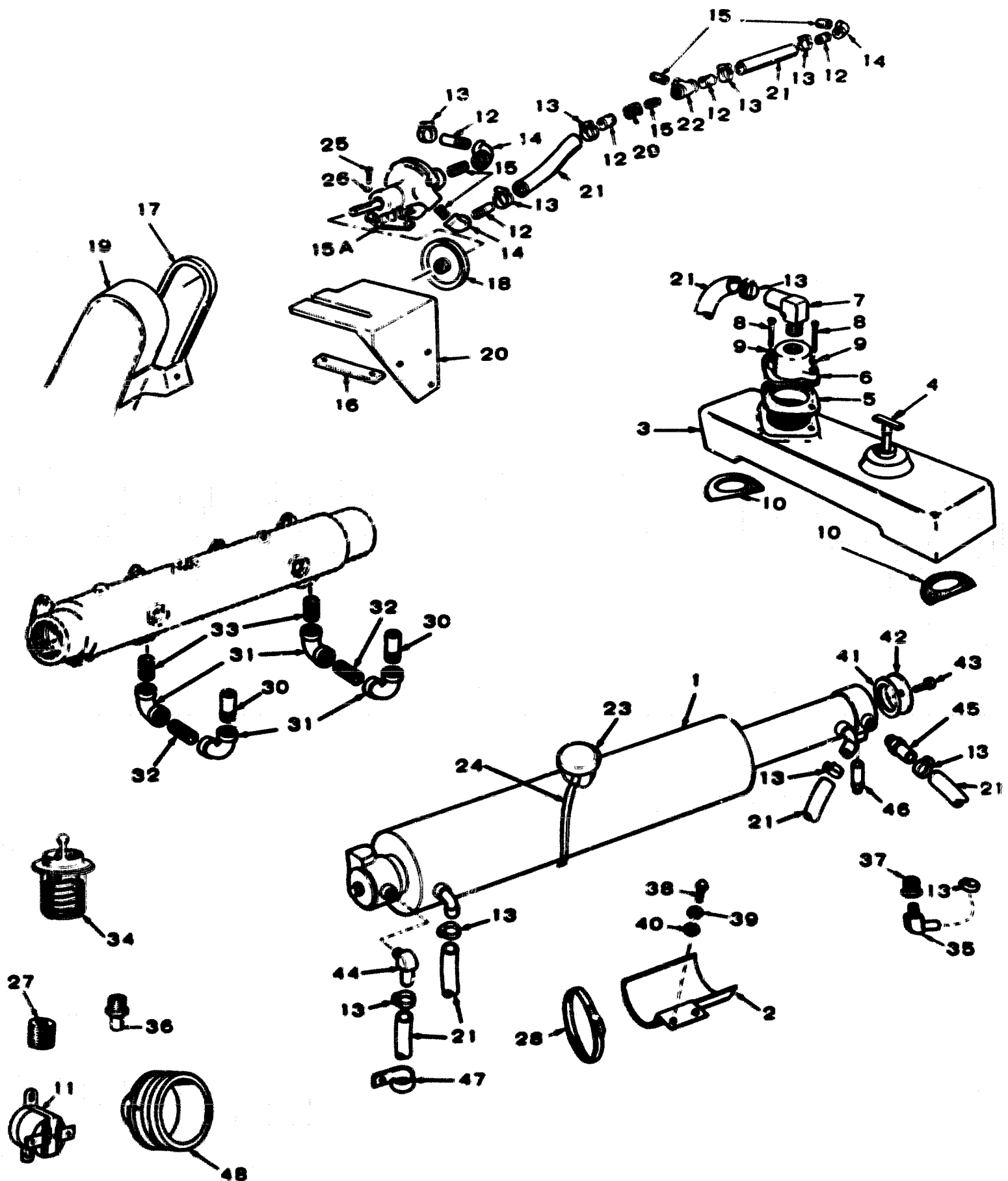


HEAT EXCHANGER, SPEC A THROUGH S - OPTIONAL

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	130-0624	1	Exchanger, Heat	25	505-0455	2	Bushing, Reducer (1 x 3/8") - Spec A through C
2	130-0575	1	Line, Water - Expansion Tank to Exhaust Manifold	26	505-0131	2	Bushing, Reducer (3/4 x 3/8") - Spec A through C
3	502-0103	1	Connector, Inverted Male - Expansion Tank Outlet	27	505-0266	1	Plug, 3/8", Exhaust Manifold
4	130-0574	1	Tank, Expansion	28	502-0074	1	Elbow, Inverted Male - Manifold Water Line Inlet
5	502-0080	2	Plug (Brass), Expansion Tank Fill Vent	29	502-0265	1	Coupling, 1/4" (Brass) - Early Models Only
6	130-0589	1	Cap, Pressure	30	502-0047	2	Nipple, Close, 1/4" (Brass) - Early Models Only
7	130-0580	1	Neck & Adapter, Expansion Tank Cap	31	502-0264	1	Elbow, 90°, 1/4" (Brass) - Early Models Only
8	130-0519	1	Gasket, Neck & Adapter	32	130-0556	2	Pencil, Zinc (Included in Heat Exchanger)
9	502-0155	3	Plug (Brass) 3/8" - (NOTE: Quantity is 4 for Spec A Sets)	33	502-0049	1	Bushing, Reducer, 3/8 x 1/8" (Brass)
10	309-0145	2	Gasket, Thermostat Chamber (Also in Manifold and Thermostat Group)	34	504-0006	1	Valve, Air Bleed - Manifold Outlet (Not used on some early models)
11	309-0158	1	Switch, Hi-Temperature Cut-Off	35	502-0300	2	Elbow (Brass) - Heat Exchanger Fresh Water Hoses - Begin Spec D
12	502-0258	6	Nipple, Half, 3/8 x 2" (Brass) - Hose Connection - (Spec A through C Quantity is 8)	36	502-0302	1	Elbow (Brass) - Heat Exchanger Raw Water Inlet Hose - Begin Spec D
13	503-0183	8	Clamp, Hose (1-1/16") - (Spec A through C Quantity is 10)	37	502-0337	1	Elbow (Brass) - Heat Exchanger Raw Water Outlet Hose - Begin Spec D
13	503-0448	2	Clamp, Hose (25/32") - Begin Spec D	38	104-0957	1	Pulley, Flywheel
14	502-0263	3	Elbow (90°), 3/8" (Brass) (NOTE: Quantity of 4 for Spec A Sets. Also Begin Spec B Sets without Bleeder Valve Quantity is 6)	39	BONNET, HEAT EXCHANGER		
15	502-0085	5	Nipple, Close, 3/8" (Brass). (NOTE: Quantity is 7 for Spec A and Spec B is 8)	130-0731	1	Fresh Water End	
15A	132-0110	1	† Pump, Centrifugal Water (Less Pulley) - Replaces 132-0070 and 132-0095	130-0732	1	Raw Water End	
16	131-0130	1	Bar, Pump Hold-down	40	GASKET, HEAT EXCHANGER		
17	511-0067	1	Belt, Centrifugal Water Pump	130-0729	1	Fresh Water End	
18	512-0042	1	Pulley, Centrifugal Water Pump	130-0730	1	Raw Water End	
19	130-0591	1	Guard, Belt	41	502-0372	1	Bushing, Reducer - Raw Water Pump Outlet - Begin Spec S
20	BRACKET, HEAT EXCHANGER AND GOVERNOR SPRING			42	502-0370	1	Adapter, Hoses - Raw Water Pump Inlet - Begin Spec S
	130-0587	1	Spec A through Q	43	502-0237	1	Elbow, Raw Water Pump Outlet - Begin Spec S
	130-0692	1	Begin Spec R	44	130-0892	1	Stiffener, Filler Neck
21	HOSE, RUBBER			45	503-0679	1	Hose (13"), Overflow
	503-0463	1	3/4" ID x 54" (Total length required for all Hoses) - Spec A through C	46	821-0005	6	Screw, Locking (10-32 x 1/2") - Neck & Adapter Mounting
	503-0217	1	3/4" ID x 56" (Total length required for all Hoses except Raw Water Pump) - Begin Spec D	47	SCREW, HEX CAP		
	503-0285	1	1/2" ID x 14" (Raw Water Pump to Heat Exchanger) - Begin Spec D	800-0004	4	Heat Exchanger Mounting (1/4-20 x 5/8")	
22	502-0257	2	Tee, 3/8" (Brass) - (NOTE: Quantity is 3 for Spec A Sets)	800-0005	2	Water Pump Mounting (1/4-20 x 3/4")	
23	502-0261	1	Y-Bend, 45°, 3/8" (Brass) - Spec A through C	48	850-0040	6	Washer, Lock (1/4") - (4) Heat Exchanger Mounting (2) Water Pump Mounting
24	502-0158	1	Nipple, Hex Reducing, 3/8 x 1/8" (Brass) - Spec A through C	49	526-0158	4	Washer, Flat (1/4") - Heat Exchanger Mounting
				50	504-0003	1	Drain, Cock
					REPAIR KIT, WATER PUMP (Includes Shaft & Bearing, Seal, Gasket and Cover Screws)		
				132-0080	1	For 132-0070 & 132-0095 Pumps (50-P9 & 50-P11)	

† - See Separate Illustration for Component Parts.

HEAT EXCHANGER, BEGIN SPEC AA - OPTIONAL



HEAT EXCHANGER, BEGIN SPEC AA - OPTIONAL

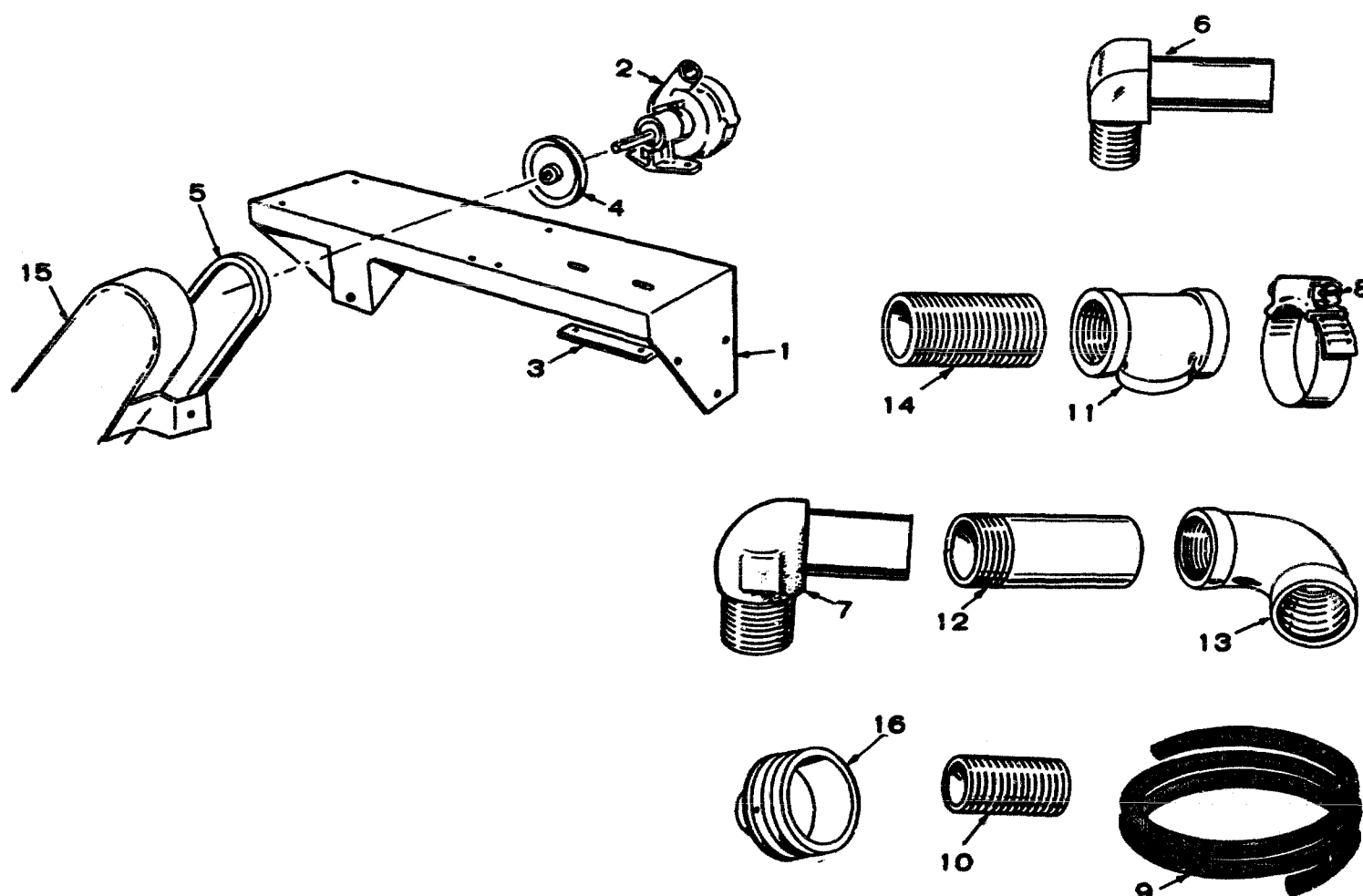
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	EXCHANGER, HEAT 130-0911	1	Spec AA - (NOTE: No Longer Available, For Replacement Order Kit 130-1337 (Includes Parts Marked Δ))		503-0478	1	Hose (3/4") - Cylinders #1 & 2 to Cylinders #3 & 4
	130-1189	1	ΔBegin Spec AB (Includes Parts Marked *)		503-0472	1	Hose (3/4") - Water Pump Outlet to Block
2	130-0910	2	Bracket, Heat Exchanger Mounting		503-0699	1	Hose (3/4") - Water Manifold to Exhaust Manifold
3	131-0196	1	Manifold, Water	22	505-0060	1	Tee (3/8")
4	504-0006	1	Valve, Drain	23	130-0589	1	*ΔCap, Pressure
5	131-0140	1	Gasket, Water Manifold Outlet	24	503-0679	1	Hose (13"), Overflow
6	131-0197	1	Housing, Thermostat	25	800-0006	2	Screw, Cap - Hex Head 1/4-20 x 7/8"
7	502-0300	1	Elbow, Hose	26	850-0040	2	Washer, Lock - Spring (1/4")
8	800-0030	2	Screw, Cap - Hex Head (5/16-18 x 1-1/4")	27	502-0155	1	Plug, Drain - Exhaust Manifold (1 x 3/8)
9	526-0065	2	Washer, Flat - Copper (21/64" ID x 9/16" OD x 1/16" Thk)	28	503-0612	2	Clamp, Heat Exchanger Mounting
10	309-0145	2	Gasket, Water Manifold	29	505-0376	1	Elbow (45° x 3/8")
11	309-0156	1	Switch, Hi-Temperature Cut-Off	30	505-0135	2	Nipple, Half (3/8 x 1-1/2")
12	505-0135	5	Nipple (3/8" x 2") - Hose Connection	31	505-0039	4	Elbow (3/8 x 90°)
13	503-0183	As Req.	Clamp (1-1/16")	32	505-0277	2	Nipple, Close (3/8 x 1-1/2")
14	505-0039	3	Elbow (90° - 3/8")	33	505-0101	2	Nipple, Close (3/8 x 1")
15	505-0101	5	Nipple, Close (3/8" x 1")	34	309-0054	1	Thermostat - Mounted in Water Manifold #131-0196
15A	132-0110	1	Pump, Centrifugal Water - Less Pulley (See Separate group for components)	35	502-0237	1	Elbow, Raw Water Pump Outlet
16	131-0130	1	Bar, Pump Hold-down	36	502-0370	1	Adapter, Hose - Raw Water Pump Inlet
17	511-0067	1	Belt, Centrifugal Water Pump	37	502-0372	1	Bushing, Reducer - Raw Water Pump Outlet
18	512-0042	1	Pulley, Centrifugal Water Pump	38	800-0035	4	Screw, Cap - Hex Head (1/4-18 x 2-1/2")
19	130-0920	1	Guard, Belt	39	526-0122	4	Washer, Flat (11/32" ID x 23/32" OD x 0.1345" Thk)
20	131-0199	1	Bracket, Heat Exchanger and Governor Spring	40	526-0113	4	Washer, Flat (11/32" ID x 1" OD x 3/32" Thk)
21	HOSE, WATER 503-0987	1	Hose (1/2") - Sea Water Discharge	41	130-0959	2	*ΔGasket, Rubber
	503-0711	1	Hose (3/4") - Heat Exchanger to Water Pump	42	130-1031	2	*ΔCover, End - Heat Exchanger
	503-0712	1	Hose (1/2") - Sea Water Inlet	43	815-0300	2	*ΔScrew, Cap - Hex Head - Brass (5/16-18 x 1/2")
	503-0438	1	Hose (3/4") - Exhaust Manifold to Heat Exchanger	44	502-0302	1	Elbow, Hose - Begin Spec AB
				45	502-0238	1	Adapter, Hose - Begin Spec AB
				46	130-1340	1	*ΔPencil, Zinc - Begin Spec AB
				47	148-0274	1	Bracket, Hose
				48	104-0957	1	Pulley, Flywheel

NOTE: For Raw Water Pump, see Gearcase and Water Pump Group.

* - Parts included in 130-1189 Heat Exchanger.

Δ - Parts included in 130-1337 Replacement Kit.

KEEL COOLING - OPTIONAL

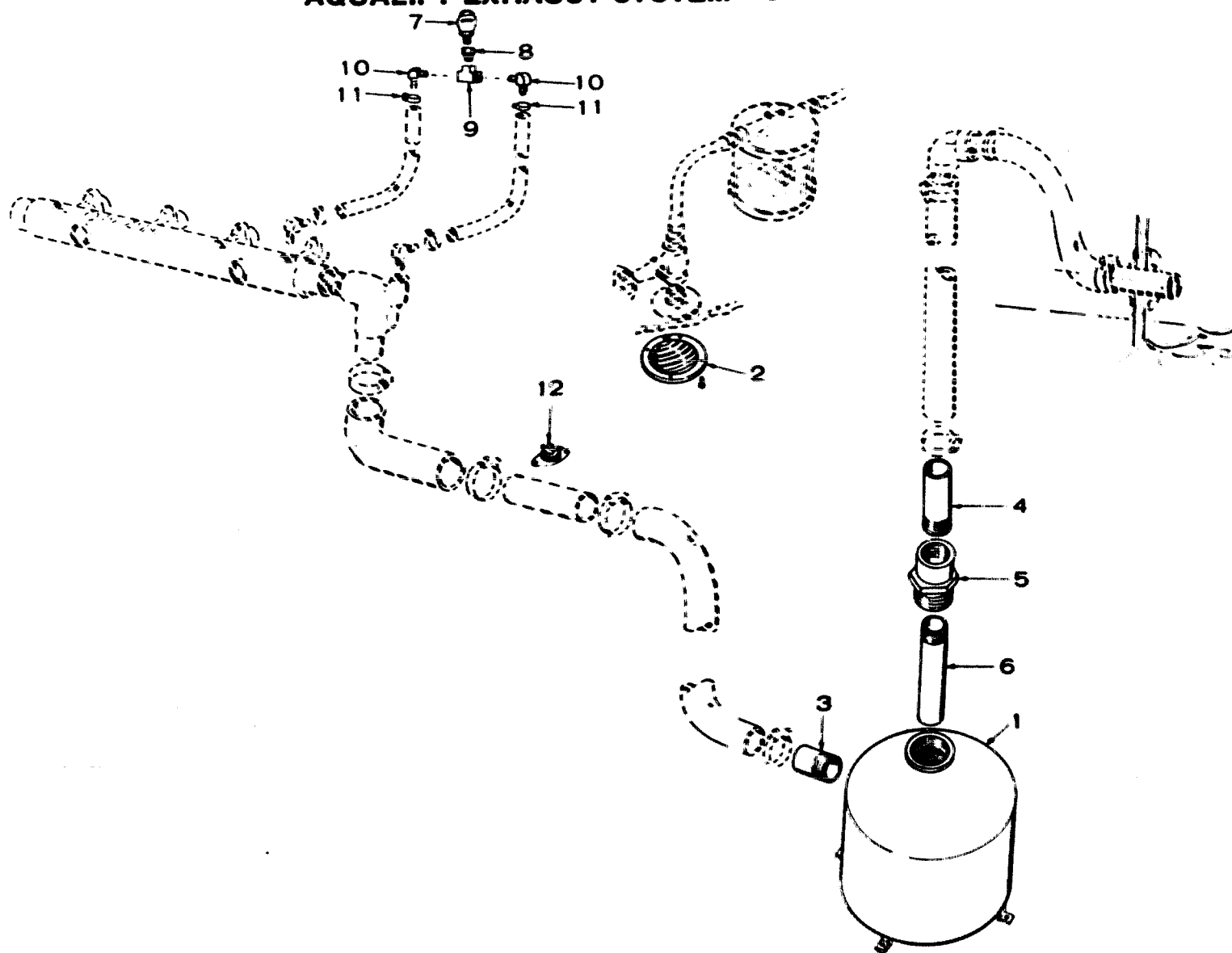


REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	130-0587	1	Bracket, Pump & Governor Spring
2	132-0074	1	† Pump, Water (Less Pulley)
3	131-0144	1	Bar, Pump Hold-down
4	512-0042	1	Pulley, Water Pump
5	511-0068	1	Belt, Water Pump Drive
6	502-0250	1	Elbow, Outlet (Brass), Pump
7	502-0278	1	Elbow, Pump Inlet (Brass)
8	503-0183	4	Clamp, Hose
9	503-0315	1	Hose, Rubber (24") - Enough for Pump to Block & Front to Rear Cylinder
10	502-0047	2	Nipple, Close (3/8" - Brass) - Cylinder Block Connection

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
11	502-0257	1	Tee (3/8" - Brass) - Cylinder Block Connection
12	502-0258	4	Nipple, Half (3/8 x 2" - Brass) (1) Exhaust Manifold (3) Block Connection
13	502-0263	2	Elbow, 90° (3/8" - Brass) - (1) Exhaust Manifold (1) Block Connection
14	502-0085	1	Nipple, Close (3/8" - Brass) - Exhaust Manifold
15	130-0591	1	Guard, Belt
16	104-0957	1	Hub & Pulley, Flywheel

† - See Separate Illustration for Component Parts.

AQUALIFT EXHAUST SYSTEM - OPTIONAL



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	155-1004	1	Kit, Aqualift Muffler (Includes Parts Marked Δ)
	155-0954	1	Package, Muffler - Hookup (Includes Parts Marked *)
	155-0950	1	Kit, Siphon Break Relief Valve (Includes Parts Marked +)
1	155-0929	1	ΔMuffler, Exhaust - Aqualift Marine
2	155-1002	1	ΔStrainer, Water - Thru Hull
3	155-1122	1	*Nipple, Pipe - Half, Epoxy Coated (1-1/2 NPT x 3")
4	505-0723	1	*Nipple, Pipe - Half, Galvanized (1-1/2" NPT x 3")
5	505-0634	1	*Bushing, Double Tapped (1-1/2" NPT x 2" NPT)

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
6	505-0631	1	*Nipple, Pipe - Half, Galvanized (1-1/2" NPT x 9-1/4")
7	504-0062	1	+Valve, Vacuum Relief (1/2" NPT)
8	502-0090	1	+Tee, Pipe - Brass (3/8" NPT x 3/8" NPT x 3/8" NPT)
9	502-0270	1	+Adapter, Pipe (3/8" NPT x 1/2" NPT)
10	502-0237	2	+Elbow, Pipe to Hose (3/8" NPT)
11	503-0446	2	+Clamp, Hose (1/2")
12	309-0162	1	Switch, Thermostatic - SPSTNC (25 AMP)

* - Parts Included in Package #155-0954.

+ - Parts Included in Kit #155-0950.

Δ - Parts Included in Kit #155-1004.

SERVICE KITS AND MISCELLANEOUS

NOTE: For other kits, refer to the group for the part in question.

PART NO.	QTY. USED	PART DESCRIPTION
98-1807	1	Decal Kit
188-0094	1	Gasket Kit, Set
OVERHAUL KIT, ENGINE		
522-0209	1	Spec A through D
522-0222	1	Spec E Only
522-0227	1	Spec P Only
522-0237	1	All Spec R Sets and Begin Spec S Sets without Heat Exchanger
522-0258	1	Spec S Sets with Heat Exchanger
522-0317	1	Begin Spec AA Sets with Heat Exchanger
308-0204	1	Switch, Transfer (Optional)
525-0216	1	Paint, Touch-up (Pressurized Can), 16 oz. Marine White Enamel

SUPPLEMENT INDEX FOR MJC SERIES - 968-0340

SUPPLEMENT NO.	DATE	FICHE LOCATION
900-0190	06/78	1E3
968-1007	06/78	1E11

900-0190 (2/74)

SUPPLEMENTARY PARTS LIST

These parts apply to the MJC Generating Sets Beginning Spec AA. Use these parts in place of or in addition to those shown in the main Operators Manual and Parts Catalog, 968,340.

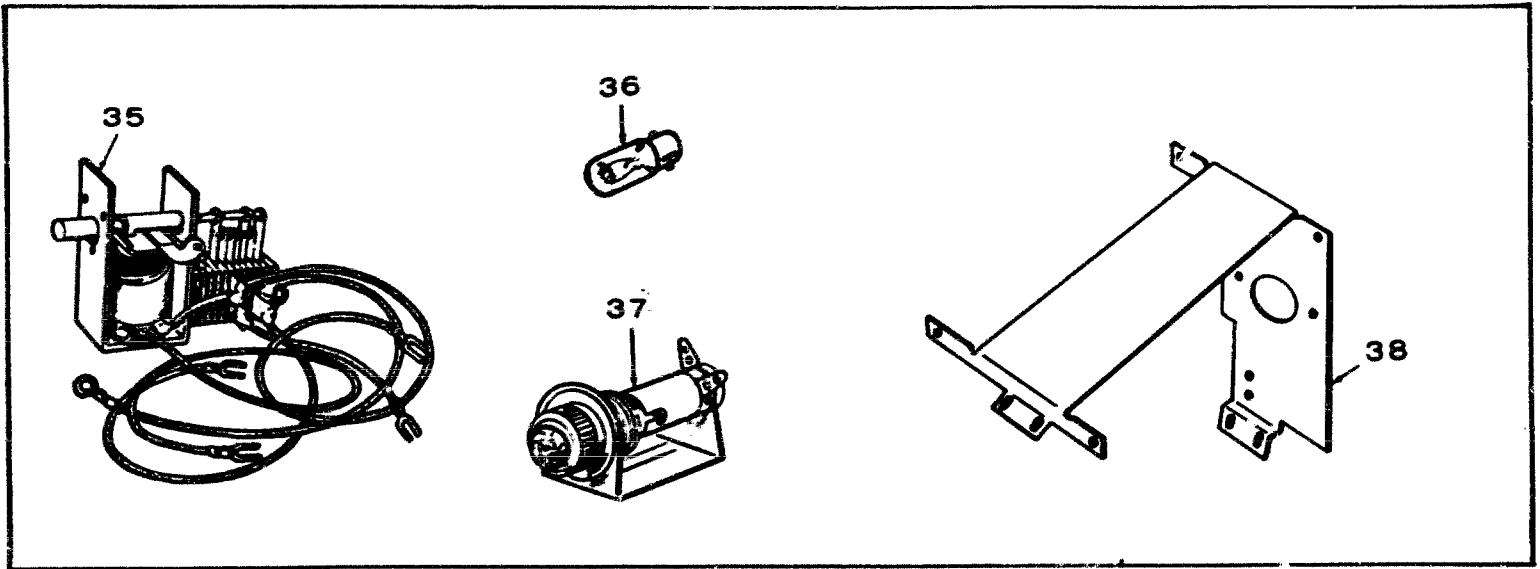
Parts that are similar in appearance to those in the main Operators Manual and Parts Catalog are not illustrated.

The Onan part numbering system (used in this parts list) has been changed to computerize the numbers. Letters in the number will be replaced with a dash (-) and number after the dash will be zero filled. Parts invoices will have the new computerized number, part remains the same. The main Operators Manual and Parts Catalog have the old numbering system.

EXAMPLE:	Old Number	New Number
	101A86	101-0086
	110A1895	110-1895

GENERATOR GROUP - ALTERNATOR PORTION
GENERATOR GROUP - EXCITER PORTION

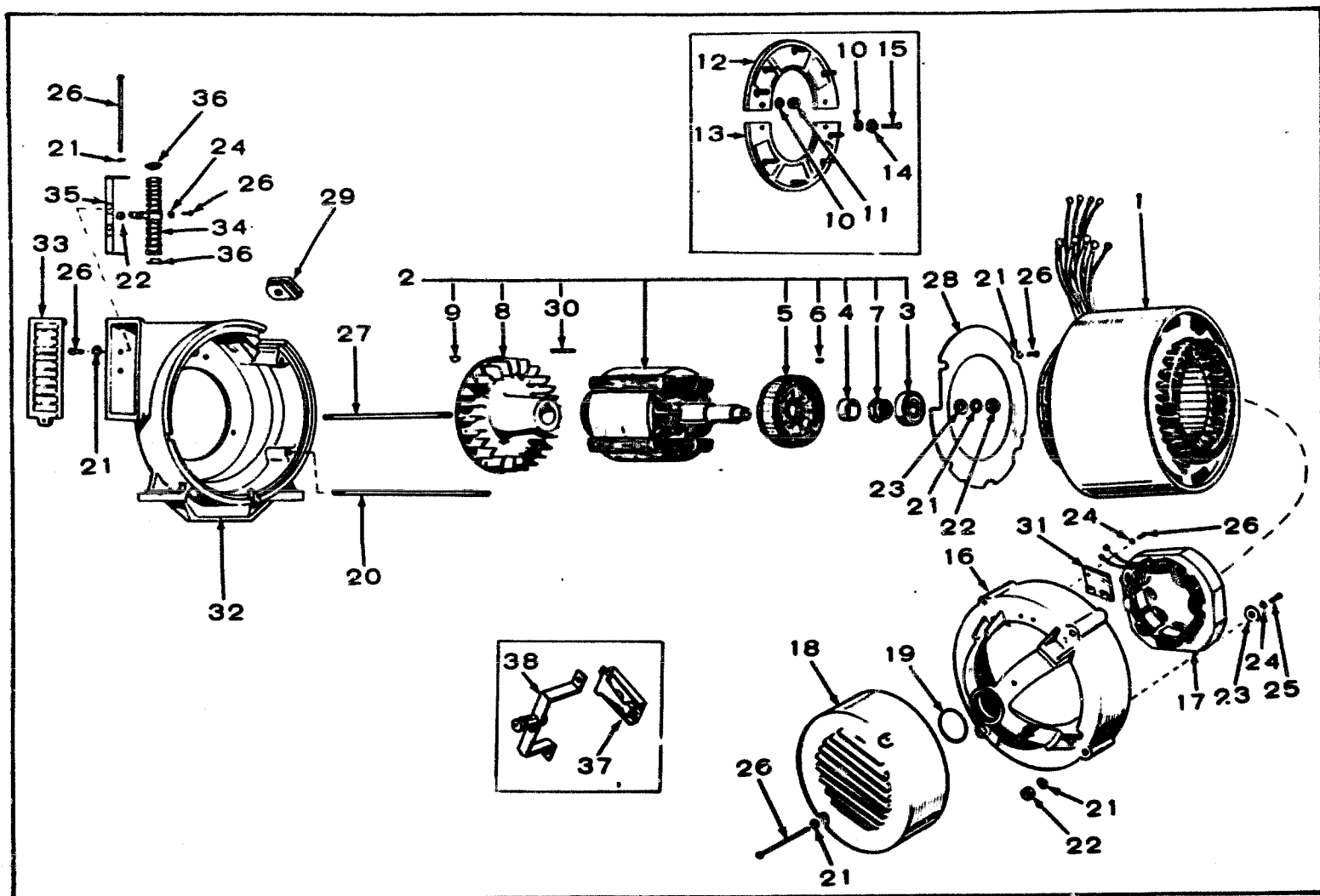
Delete these two entire groups from main parts catalog.



CONTROL GROUP

NOTE: See Separate Group for Voltage Regulator Components.

<u>REF. NO.</u>	<u>PART NO.</u>	<u>QTY. USED</u>	<u>PART DESCRIPTION</u>
2	Delete		
3	PANEL, CONTROL BOX		
	301-1961	1	Standard
	301-2376	1	For Units With Overspeed Indicator Lamps - Optional
4	Delete		
5	Delete		
6	RELAY, START		
	307-0845	1	For 12 and 24 Volt DC (10 Amp, 100 Volt)
	307-0875	1	For 32 Volt DC (12 Amp, 300 Volt)
12	RECTIFIER		
	305-0235	1	For 12 and 24 Volt DC (10 Amp, 100 Volt)
	358-0015	1	For 32 Volt DC (12 Amp, 300 Volt)
20	Delete		
26	Delete		
29	Delete		
30	320-0221	1	Switch, Emergency - Low Oil Pressure - Optional
35	307-1129	1	Relay, Overspeed - Optional
36	322-0004	2	Lamp, Indicator (Low Oil Pressure and Overspeed - Optional
37	322-0069	2	Holder, Indicator Lamps - Optional
38	301-3683	1	Saddle, Control Box Mounting



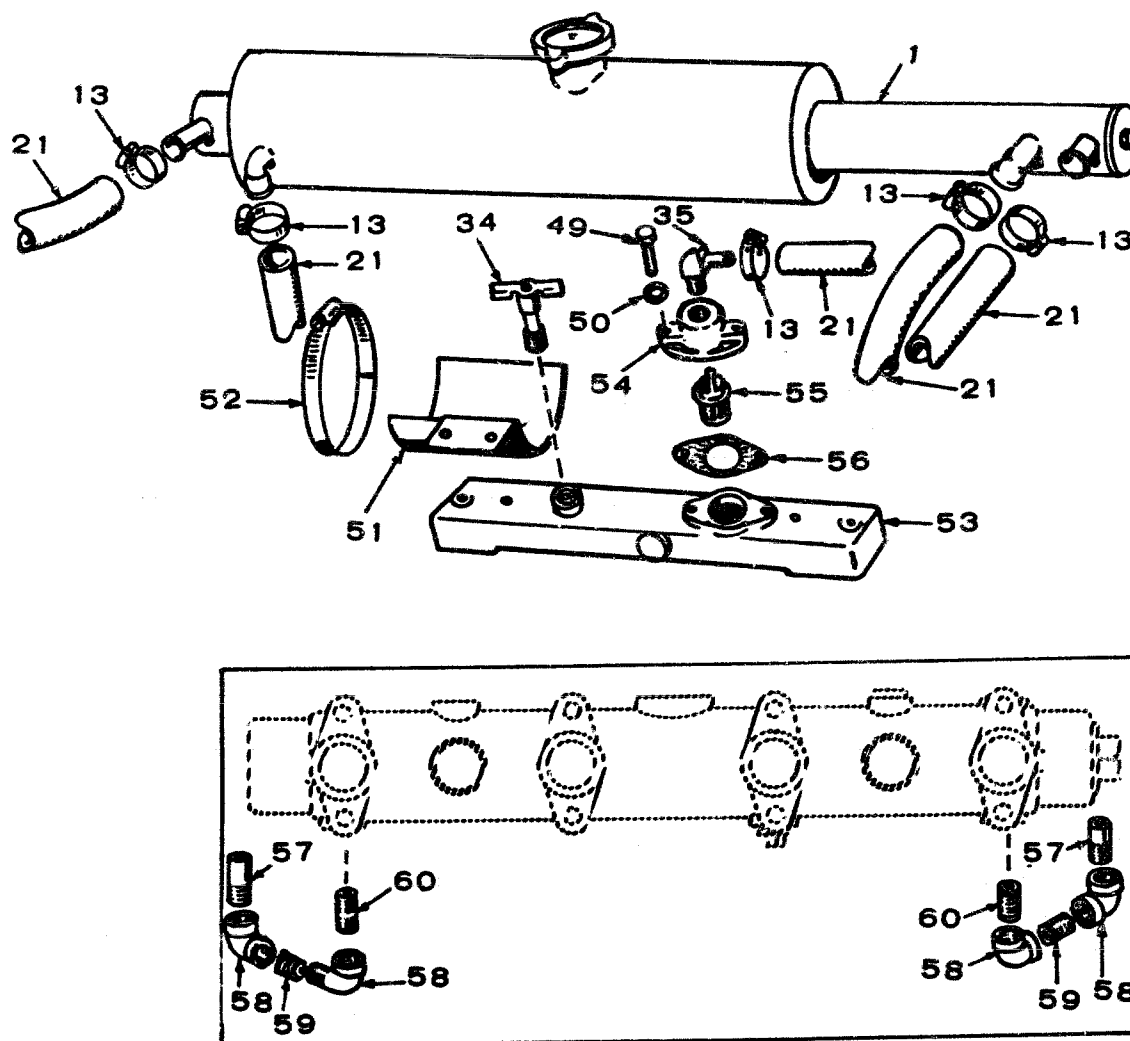
GENERATOR GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	*	1	Stator, Wound
2	ROTOR ASSEMBLY, WOUND (Includes Parts Marked +)		
	201-2156	1	For 8.0 MJC and 10.0 MJC
	201-2158	1	For 12.0 MJC and 15.0 MJC
3	510-0112	1	+Bearing, Rotor
4	232-2398	1	+Spacer, Bearing
5	201-2151	1	+Rotor, Exciter - Wound
6	515-0094	1	+Key, Exciter Rotor
7	870-0284	1	+Nut, Exciter Rotor Locking
8	205-0105	1	+Fan, Generator
9	515-0103	1	+Key, Fan
10	526-0008	12	+Washer, Flat
11	870-0131	8	+Nut, Hex (#10-32)
12	358-0069	1	+Rectifier Assembly (Positive)
13	358-0070	1	+Rectifier Assembly (Negative)
14	853-0008	4	+Washer, Shakeproof (#10)
15	813-0100	4	+Screw, Round Head (#10-32 x 1/2")
16	211-0237	1	Bell, End
17	220-2009	1	Stator, Exciter - Wound
18	COVER, END BELL		
	234-0185	1	Unhoused Sets
	234-0223	1	Housed Sets
	234-0498	1	Housed and Unhoused with Overspeed Switch

<u>REF. NO.</u>	<u>PART NO.</u>	<u>QTY. USED</u>	<u>PART DESCRIPTION</u>
19	509-0094	1	Seal, Bearing ("O" Ring)
20	STUD, GENERATOR THROUGH		
	520-0796	4	For 8.0 MJC and 10.0 MJC
	520-0798	4	For 12.0 MJC and 15.0 MJC
21	WASHER, LOCK		
	850-0050	4	Generator Through Stud (3/8")
	850-0040	2	End Bell Cover Mounting (1/4")
	850-0040	2	Resistor Bracket Mounting (1/4")
	850-0055	1	Rotor Through Stud (7/16")
	850-0040	1	Resistor Through Screw (1/4")
	850-0030	4	Air Baffle Mounting (#10)
22	NUT, HEX		
	862-0011	4	Generator Through Stud (3/8-16)
	870-0203	1	Rotor Through Stud (7/16-20)
	871-0010	1	Resistor Tap (#10-32)
23	WASHER, FLAT		
	526-0260	2	Exciter Stator Mounting
	526-0034	1	Rotor Through Stud
24	WASHER, SHAKEPROOF		
	853-0013	2	Exciter Stator Mounting (1/4")
	853-0008	2	End Bell Cover Mounting (#10)
	856-0003	1	Resistor Tap (#10)
25	800-0004	2	Screw, Hex Cap - Exciter Stator Mounting (1/4-20 x 5/8")
26	SCREW, ROUND HEAD		
	812-0165	2	End Bell Cover (1/4-20 x 4-1/2")
	813-0100	2	End Bell Cover Mounting (#10-32 x 1/2")
	813-0098	4	Baffle Mounting (#10-32 x 3/8")
	812-0150	2	Resistor Bracket Mounting (1/4-20 x 5/8")
	812-0169	1	Resistor Through (1/4-20 x 5-1/2")
	811-0098	1	Resistor Tap (#10-32 x 3/8")
27	STUD, ROTOR THROUGH		
	520-0788	1	For 8.0 MJC and 10.0 MJC
	520-0790	1	For 12.0 MJC and 15.0 MJC
28	234-0462	1	Baffle, Air
29	GROMMET, RUBBER		
	508-0112	1	2-3/4 x 1-7/8" (Lead Outlet)
	508-0095	1	25/32 x 21/32"
30	515-0006	1	*Key, Fan
31	232-2418	1	Board, Connection
32	231-0171	1	Adapter, Generator
33	234-0492	1	Cover, Air Outlet
34	RESISTOR, TAPPED (ADJUSTABLE)		
	304-0500	1	For Sets with 12 or 24 Volt DC
	304-0534	1	For Sets with 32 Volt DC
35	232-2399	1	Bracket, Resistor Mounting
36	304-0006	2	Washer, Centering - Resistor Mounting
37	150-0956	1	Switch Assembly - Overspeed Optional
38	150-1446	1	Bracket and Point Assembly, Overspeed - Optional

* - Refer to Factory Giving Complete Model and Spec.

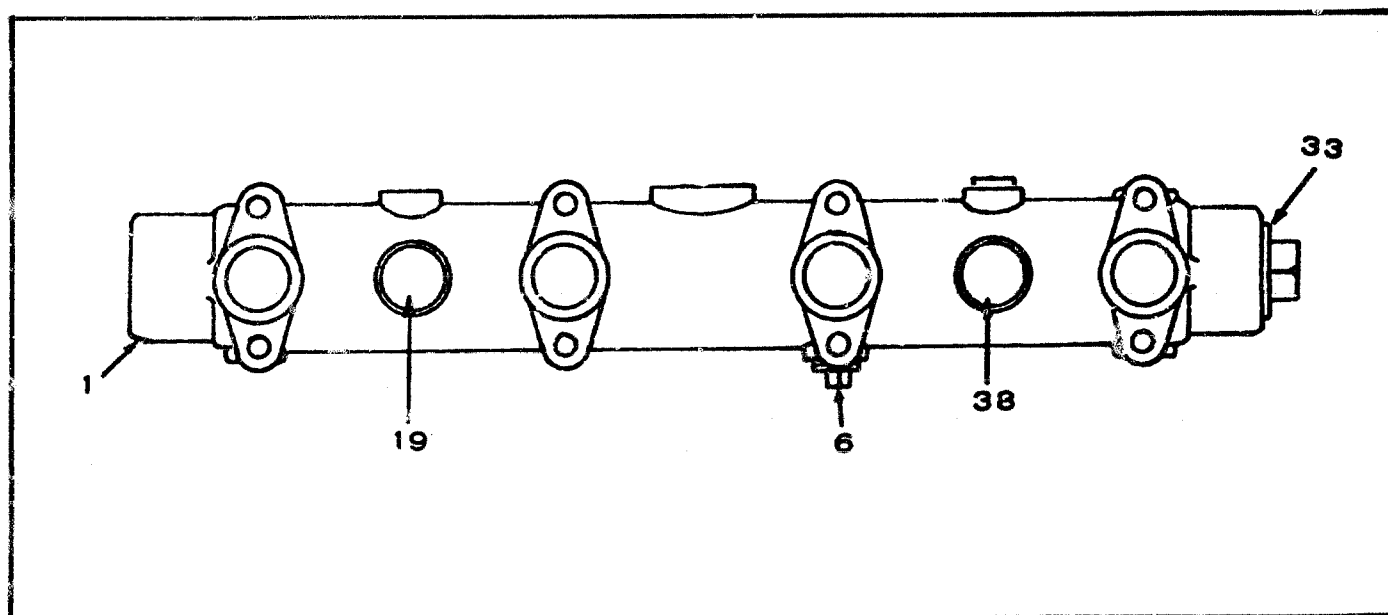
+ - Included in the Rotor Assembly.



HEAT EXCHANGER GROUP (OPTIONAL EQUIPMENT)

<u>REF. NO.</u>	<u>PART NO.</u>	<u>QTY. USED</u>	<u>PART DESCRIPTION</u>
1	130-0911	1	Exchanger, Heat
13	503-0183	As Req.	Clamp, Hose (1-1/16")
19	130-0920	1	Guard, Belt (Not Shown)
21	503-0472	1	Hose (3/4" I.D.) - Fresh Water Pump Outlet to Block (Not Shown)
21	503-0710	1	Hose, (5/8" I.D.) - Sea Water Discharge
21	503-0711	1	Hose, (3/4" I.D.) - Heat Exchanger to Fresh Water Pump
21	503-0712	1	Hose, (5/8" I.D.) - Sea Water Inlet
21	503-0711	1	Hose, (3/4" I.D.) - Exhaust Manifold to Heat Exchanger
21	503-0478	1	Hose, (3/4" I.D.) - Cylinders #1 & 2 to Cylinders #3 & 4 (Not Shown)

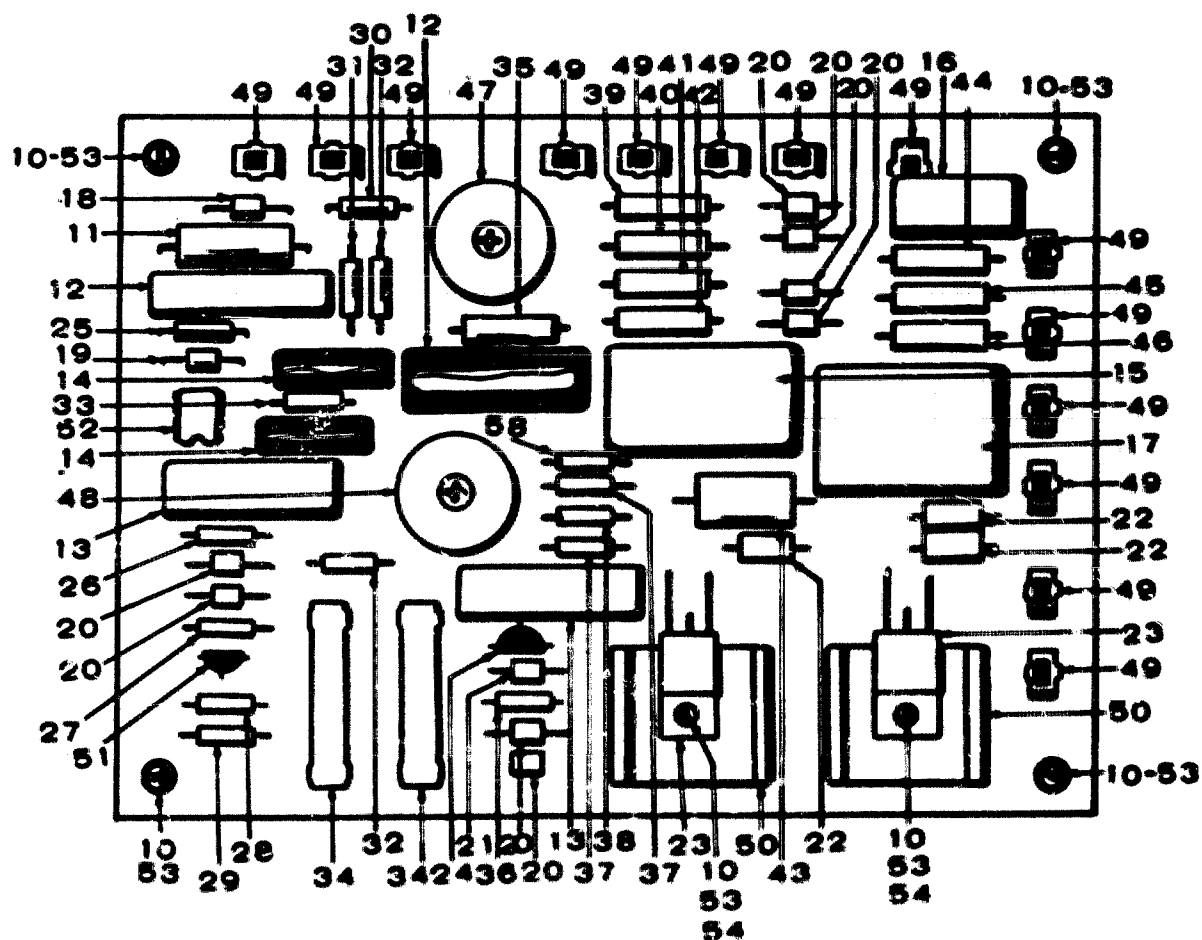
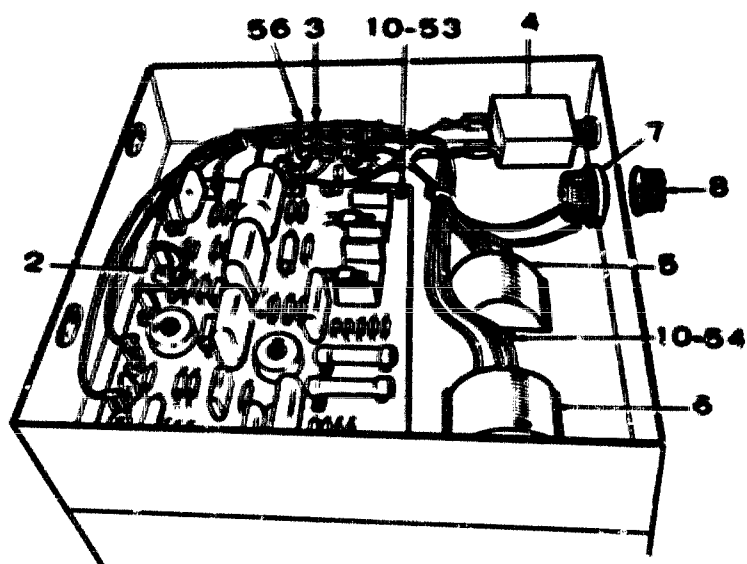
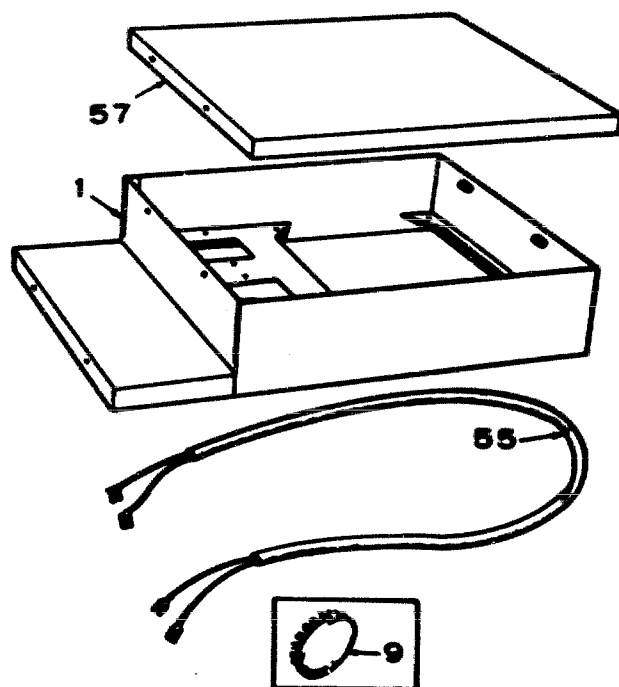
<u>REF. NO.</u>	<u>PART NO.</u>	<u>QTY. USED</u>	<u>PART DESCRIPTION</u>
21	503-0699	1	Hose (3/4" I.D.) - Water Manifold to Exhaust
34	504-0006		Valve, Drain
35	502-0300	1	Elbow, Hose
49	800-0030	2	Screw (5/16-18 x 1-1/4") Thermostat Housing
50	526-0065	2	Washer (5/16) Copper, Therm.Hsg.
51	130-0910	2	Bracket, Heat Exchanger Mtg.
52	503-0612	2	Clamp, Heat Exchanger Mtg.
53	131-0196	1	Manifold, Water
54	131-0197	1	Housing, Thermostat
55	309-0054	1	Thermostat, Engine
56	131-0140	1	Gasket, Water Manifold Outlet
57	505-0135	2	Nipple, (3/8 x 1-1/2") Half
58	505-0039	4	Elbow (3/8 x 90°)
59	505-0277	2	Nipple (3/8 x 1-1/2") Close
60	505-0101	2	Nipple (3/8 x 1") Close



MANIFOLD AND THERMOSTAT GROUP

<u>REF. NO.</u>	<u>PART NO.</u>	<u>QTY. USED</u>	<u>PART DESCRIPTION</u>
1	154-1637	1	Manifold, Exhaust (Water Cooled)
6	502-0155	1	Plug, Manifold Drain
19	517-0041	4	Plug (1-1/8") Expansion
33	505-0402	1	Plug (1-1/2") Pipe
38	517-0059	1	Plug (1-7/16") Expansion

VOLTAGE REGULATOR GROUP- BEGIN SPEC. AA



VOLTAGE REGULATOR GROUP _ BEGIN SPEC AA

<u>REF. NO.</u>	<u>PART NO.</u>	<u>QTY. USED</u>	<u>PART DESCRIPTION</u>
	REGULATOR ASSEMBLY, VOLTAGE (COMPLETE)		
	305-0532	1	Without Voltage Adjustment (Includes Parts Marked +)
	305-0533	1	With Voltage Adjustment (Includes Parts Marked Δ
1	301-3713	1	+ Δ Panel, Voltage Regulator Mounting
2	300-1006	1	+ Δ Board Assembly, Regulator (Includes Parts Marked *)
3	332-1647	1	+ Δ Strip, Terminal
4	320-0505	1	+ Δ Breaker, Circuit
5	315-0386	1	+ Δ Transformer, Voltage
6	315-0391	1	+ Δ Reactor
7	303-0103	1	Δ Rheostat - Units With Voltage Adjustment
8	303-0194	1	Δ Knob, Rheostat - Units With Voltage Adjustment
9	517-0045	1	+ Plug, Dot Button Units Without Voltage Adjustment
10	SCREW, ROUND HEAD 815-0190	4	+ Δ Regulator Board Mounting (#8-32 x 3/8")
	812-0068	4	+ Δ Reactor Board and Transformer Mounting (#6-32 x 1")
	812-0036	2	** Δ Heat Sink Mounting on Regulator Board (#6-32 x 3/8")
11	356-0039	1	** Δ Capacitor, Electrolytic (100 Mfd. 10 Volt)
12	355-0006	2	** Δ Capacitor (.47 Mfd., 100 Volt)
13	355-0005	2	** Δ Capacitor (.22 Mfd., 200 Volt)
14	355-0015	2	** Δ Capacitor (.1 Mfd., 200 Volt)
15	355-0016	1	** Δ Capacitor (1 Mfd., 100 Volt)
16	355-0031	1	** Δ Capacitor (.39 Mfd., 100 Volt)
17	355-0017	1	** Δ Capacitor (.47 Mfd., 400 Volt)
18	359-0036	1	** Δ Diode (5.6 Volt)
19	359-0025	1	** Δ Diode, Zener (20 Volt)
20	357-0004	8	** Δ Rectifier, Diode (400 Milliamp 400 Volt)
21	359-0026	1	** Δ Diode, Zener (18 Volt)
22	357-0021	3	** Δ Rectifier, Diode
23	365-0002	2	** Δ Rectifier, Gate - Control
24	361-0006	1	** Δ Transistor, Unijunction
25	350-0423	1	** Δ Resistor (33,000 Ohm, 1/2 Watt)
26	350-0443	1	** Δ Resistor (220,000-Ohm, 1/2 Watt)
27	350-0447	1	** Δ Resistor (330,000-Ohm, 1/2 Watt)
28	350-0398	1	** Δ Resistor (3,000-Ohm, 1/2 Watt)
29	350-0466	1	** Δ Resistor (2 Megohm, 1/2 Watt)
30	351-0744	1	** Δ Resistor, Film (1,740-Ohm, 1/4 Watt)
31	350-0455	1	** Δ Resistor (270,000-Ohm, 1/2 Watt)
32	350-0435	2	** Δ Resistor (100,000-Ohm, 1/4 Watt)
33	350-0459	1	** Δ Resistor (1 Megohm, 1-1/2 Watt)
34	353-0048	2	** Δ Resistor, Wire Wound (4,000-Ohm, 5 Watts)

VOLTAGE REGULATOR GROUP - BEGIN AA

<u>REF. NO.</u>	<u>PART NO.</u>	<u>QTY. USED</u>	<u>PART DESCRIPTION</u>
35	351-0521	1	*+▲Resistor, Film (12,100-Ohm, 1/4 Watt)
36	350-0397	1	*+▲Resistor (2,700-Ohm, 1/2 Watt)
37	350-0351	2	*+▲Resistor (180,000-Ohm, 1/2Watt)
38	350-0409	1	*+▲Resistor (8,200-Ohm, 1/2 Watt)
39	351-0332	1	*+▲Resistor, Film (28,000-Ohm, 1/4 Watt)
40	351-0240	1	*+▲Resistor, Film (3,090-Ohm, 1/4 Watt)
41	351-0211	1	*+▲Resistor, Film (1,530-Ohm, 1/4 Watt)
42	351-0234	1	*+▲Resistor, Film (2,670-Ohm, 1/4 Watt)
43	350-0973	1	*+▲Resistor (820-Ohm, 2 Watt)
44	350-0512	1	*+▲Resistor (10-Ohm, 1/2 Watt)
45	351-0353	1	*+▲Resistor, Film (46,400-Ohm, 1/4 Watt)
46	351-0349	1	*+▲Resistor, Film (42,200-Ohm, 1/4 Watt)
47	303-0168	1	*+▲Potentiometer (2,500-Ohm)
48	303-0164	1	*+▲Potentiometer (8,000-Ohm)
49	332-1511	13	*+▲Terminal, Stake Tab
50	363-0069	2	*+▲Sink, Heat
51	362-0017	1	*+▲Transistor, NPN
52	367-0005	1	*+▲Circuit, Integrated
53	WASHER, SHAKEPROOF		
	853-0003	2	*+▲Heat Sink Mounting (#6)
	853-0005	4	+▲Regulator Board Mounting (#8)
54	NUT, HEX		
	870-0183	4	+▲Reactor and Transformer Mounting (#6-32)
	860-0006	2	*+▲Heat Sink Mounting (#6-32)
55	HARNESS, WIRING - VOLTAGE REGULATOR TO EXCITER STATOR		
	338-0744	1	Unhoused Sets
	338-0755	1	Housed Sets
56	332-1646	2	+▲Clip, Retaining
57	301-3714	1	Cover, Voltage Regulator
58	350-0355	1	*+▲Resistor (47-Ohm, 1/2 Watt)

+ - Included in 305-0532 Voltage Regulator Assembly.

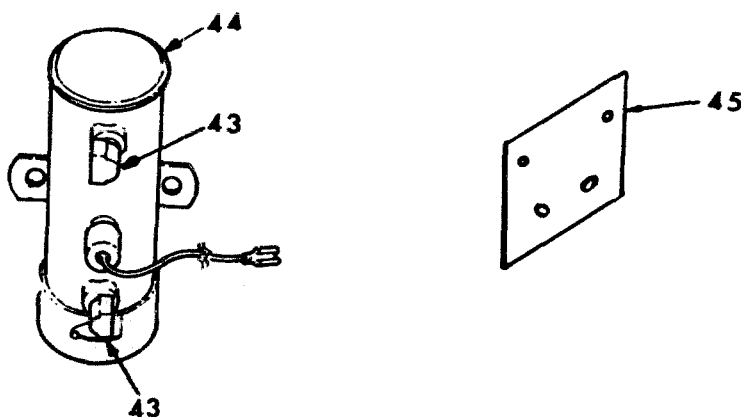
▲ - Included in 305-0533 Voltage Regulator Assembly.

* - Included in 300-1006 Regulator Board Assembly.

SUPPLEMENTARY PART LIST

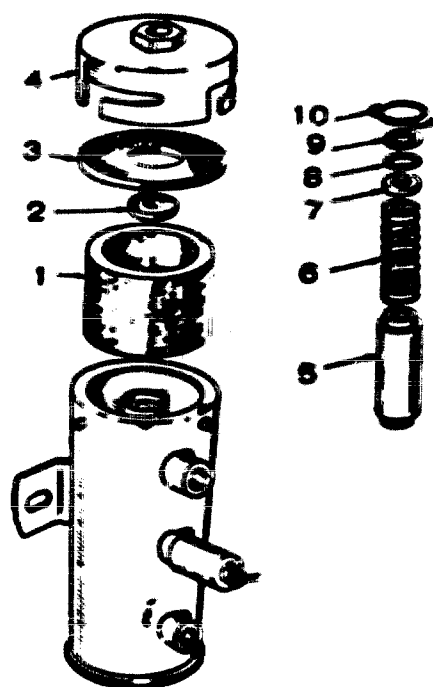
These parts apply to MJC Generator Sets begin spec AB. Use these parts in place of or in addition to those listed in the main Operator's Manual and Parts Catalog, 968-0340.

Parts that are similar in appearance are not illustrated.



FUEL SYSTEM GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
3	Delete		
14	149-1578	1	Line, Fuel Pump to Carburetor
17	Delete		
20	Delete		
21	Delete		
22	Delete		
24	Delete		
25	Delete		
40	Delete		
43	502-0002	2	Elbow, Inverted Male
44	149-1541	1	Pump, Fuel - Electric (See separate group for components).
45	149-1577	1	Plate, Fuel Pump Mounting

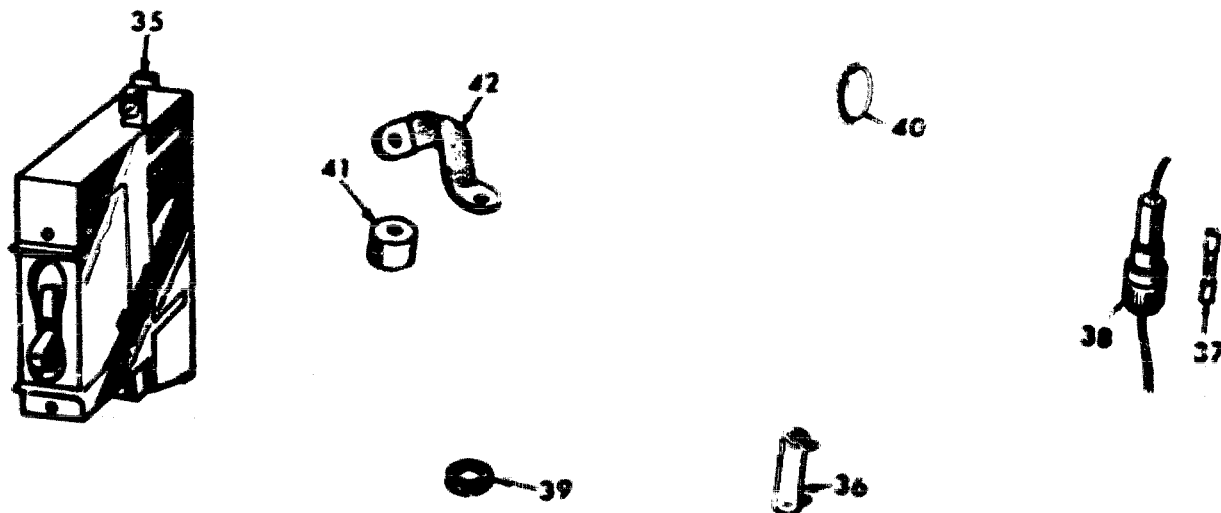


FUEL PUMP PARTS GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	149-1541	1	Pump, Fuel (Complete)
1	149-1445	1	Filter
2	149-1447	1	Magnet
3	149-1446	1	Gasket, Cover
4	149-1453	1	Cover
5	149-1452	1	Plunger
6	149-0767	1	Spring, Plunger Return
7	149-1451	1	Spring Cup & Valve
8	149-1450	1	Gasket, Spring Cup
9	149-1449	1	Washer, Cup Gasket
10	149-1448	1	Retainer, Cup & Plunger

IGNITION GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
39	338-1146	1	Harness, Wiring - Switch Plate to Control



CONTROL GROUP

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
24	301-4672	1	Box, Output
25	301-0856	1	Cover, Output Box
30	320-0104	1	Switch, Emergency - Low Oil Pressure
35	BREAKER, CIRCUIT (AC OUTPUT)		
	320-0631	2	10KW Sets
	320-0634	2	15KW Sets
36	304-0217	1	Resistor (Emergency Switch - Low Oil Pressure)
37	321-0146	1	Fuse, 10 Ampere
38	321-0175	1	Holder, Fuse
39	508-0183	1	Grommet, Rubber
40	517-0019	1	Plug, Dot Button
41	402-0070	4	Cushion, Control Box Mounting
42	337-0036	1	Strap, Ground

SPECIAL PARTS LIST FOR MODEL 10.0MJC-3CR SPEC 1S
FOR STANDARD PARTS REFER TO CATALOG 968-0340 KEY NO. 1
(PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. (ENG) 612-2750-01

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
----------	------	-------------	----------	------	-------------

Standard Model

SPECIAL PARTS LIST FOR MODEL 15.0MJC-3CR SPEC 1S
FOR STANDARD PARTS REFER TO CATALOG 968-0340 KEY NO. 2
(PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. (ENG)612-2750-01

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
----------	------	-------------	----------	------	-------------

Standard Model

SPECIAL PARTS LIST FOR MODEL 10.0MJC-3CR SPEC 1AA
FOR STANDARD PARTS REFER TO CATALOG 968-0340 KEY NO. 1
(PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)
WIRING DIAGRAM NO. (ENG)612-4794-09

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
----------	------	-------------	----------	------	-------------

Standard Model

FOR STANDARD PARTS REFER TO **CATALOG** 968-0340 **KEY NO.** 2
(PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. (ENG)612-4794-09

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
		Standard Model			

SPECIAL PARTS LIST FOR MODEL 10-0MJC-3CR **SPEC** 1AB
FOR STANDARD PARTS REFER TO CATALOG 968-0340 **KEY NO.** 1
 (PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)
WIRING DIAGRAM NO. (ENG) 612-5461-02

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
		Standard Model			

FOR STANDARD PARTS REFER TO **CATALOG** 968-0340 **KEY NO.** 1
(PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. (ENG) 612-2750-01

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
		Heat Exchanger			

SPECIAL PARTS LIST FOR MODEL 15.0MLC-3CR SPEC 2268AA
FOR STANDARD PARTS REFER TO CATALOG 968-0340 KEY NO. 2
(PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. (ENG) 612-4794-09

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
		Heat Exchanger			

FOR STANDARD PARTS REFER TO CATALOG 968-0340 KEY NO. 2
(PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. _____ **(ENG)612-5461-04**

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
		Heat Exchanger			

SPECIAL PARTS LIST FOR MODEL 10.0MJC-3CR SPEC 3945AA
 FOR STANDARD PARTS REFER TO CATALOG 968-0340 KEY NO. 1
 (PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. (ENG) 612-4848-09

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Overspeed Cut Off					
338-0917	1	Harness, Wiring - Voltage Regulator To Exciter Stator			
332-0604	1	Block, Terminal, 5-Place			
332-0616	1	Strip, Marker (B+, 1, 2, 3, H)			
517-0012	1	Plug, Dot Button (5/8")			

SPECIAL PARTS LIST FOR MODEL 15.0MJC-3CR SPEC 3945AB
 FOR STANDARD PARTS REFER TO CATALOG 968-0340 KEY NO. 2
 (PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)
 WIRING DIAGRAM NO. (ENG)612-5467-04

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Overspeed Cut Off					
338-0917	1	Harness, Wiring - Voltage Regulator To Exciter Stator			
332-0604	1	Block, Terminal, 5-Place			
332-0616	1	Strip, Marker (B+, 1, 2, 3, H)			
517-0012	1	Plug, Dot Button (5/8")			

SPECIAL PARTS LIST FOR MODEL 10. OMIC-3CR SPEC 8757S
FOR STANDARD PARTS REFER TO CATALOG 968-0340 KEY NO. 1
(PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. (ENG) 612-2750-0

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Heat Exchanger					
123-1126	1	Tube, Block Oil Fill			
123-1139	1	Cap, Block Oil Fill			
505-0325	1	Nipple, Half - Block Oil Fill Tube (1/8" Pipe)			
505-0056	2	Plug, Oil Drain (1/2")			
505-0709	1	Cross, Pipe - Oil Fill And Oil Drain (1/2")			
505-0710	1	Elbow, Street - Oil Fill (90°-3/8")			
505-0681	2	Nipple, Close - Oil Fill (1/2")			
123-1124	1	Tube, Base Oil Fill			
123-1108	1	Cap And Indicator - Base Oil Fill			
503-0170	2	Clamp, Oil Vent Hose			
503-0590	1	Hose, Oil Vent (8-1/2")			

SPECIAL PARTS LIST FOR MODEL 15.0MIC-3CR SPEC 10141AA
 FOR STANDARD PARTS REFER TO CATALOG 968-0340 KEY NO. 2
 (PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)
 WIRING DIAGRAM NO. (ENG)612-4848-09

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Heat Exchanger					
Overspeed Cut Off					
338-0917	1	Harness, Wiring - Voltage Regulator To Exciter Stator			
332-0604	1	Block, Terminal, 5-Place			
332-0616	1	Strip, Marker (B+, 1, 2, 3, H)			
517-0012	1	Plug, Dot Button (5/8")			